

***Roadside Vegetation  
and Conservation  
Values in the Shire of  
Mt Marshall***



January 2005  
Roadside Conservation Committee



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## Executive Summary

This report, produced by the Roadside Conservation Committee (RCC) provides an overview of roadside conservation issues relevant to the Shire of Mt Marshall. Primarily providing detailed results of the roadside survey, with accompanying management recommendations, it also briefly describes the natural environment in Mt Marshall.

The Shire of Mt Marshall, aware of the need to conserve roadside remnants, liaised with the RCC in 2003 to survey roads under their control and management. Surveys to assess the conservation values of roadside remnants were conducted from September 2003 to March 2004. The majority (95%) of the Shire's 1747 km of roadsides were assessed by the RCC for their conservation status and maps produced via a Geographic Information System (GIS).

The survey indicated that high conservation value roadsides covered approximately two-thirds of the roadsides surveyed, with medium-high conservation value roadsides accounting for 27%. Medium-low and low conservation value roadsides occupied only 3.9% and 1.6%, respectively. A more detailed analysis of results is presented in this report.

It is envisaged that the prime use of the roadside survey data and roadside conservation value (RCV) map will be for use by Shire and community groups as a management and planning tool. Applications may range from prioritising work programs to formulating management strategies. Past experience has shown that this document and the accompanying maps are valuable as a road reserve planning and management tool, for example;

- identifying degraded areas for strategic rehabilitation or in need of specific management techniques and weed control programs;
- prioritising roadside vegetation protection and/or rehabilitation programs;
- establishing habitat linkages throughout the Shire's overall conservation network;
- developing regional or district fire management plans;
- identifying potential tourist routes, i.e. roads with high conservation value would provide visitors with an insight into the remnant vegetation of the district; and
- incorporating into Landcare or similar projects for 'whole of' landscape projects.

Progressive surveys of some Shires have revealed an alarming decline in the conservation status of many roadside reserves. In some cases the conservation value has declined at a rate of approximately 10% in 9 years. This trend indicates that without appropriate protection and management, roadside reserves will become veritable biological wastelands within the near future. However, proactive and innovative management of roadside vegetation has the potential to abate and reverse this general decline.

Opportunities exist for the Shire of Mt Marshall to utilise the Roadside Conservation Value map into many facets of its Landcare, tourism, road maintenance operations and Natural Resource Management strategy documents. In addition, the RCC is available to provide assistance with the development of roadside vegetation management plans and associated documents.

# **PART A**

## **OVERVIEW OF ROADSIDE CONSERVATION**

## 1.0 Why is Roadside Vegetation Important?

Since the settlement of Western Australia by Europeans, large areas of native vegetation in the south west of the state have been cleared for agriculture, roads, settlements, and other development. The fragmentation of the more or less continuous expanse of native vegetation communities by clearing has resulted in the isolation of plant and animal populations. This results in a mosaic of man-made biogeographical islands of small native vegetation remnants.

The flora and fauna in these areas are severely disadvantaged and these habitats are typically unreliable for sustaining wildlife due to limited and scarce food resources, increased disease risk and the reduced genetic diversity caused by a diminishing gene pool. Some habitat fragments may be too small to provide the requirements for even a small population; therefore, it is essential to their survival that they have a means of dispersing throughout the landscape. The presence of native vegetation along roadsides often fulfils an important role in alleviating this isolation effect by providing connectivity between bush remnants.

While many roadside reserves are inadequate in size to support many plant and animal communities, they are integral in providing connections between larger areas of potentially more suitable remnant patches. It is therefore important that all native vegetation is protected regardless of the apparent conservation value it contains. It is important to acknowledge that even degraded roadsides have the ability to act as corridors for the dispersal of a variety of fauna.

Other important values of transport corridor remnants are that they:

- are often the only remaining example of original vegetation within extensively cleared areas;
- often contain rare and endangered plants and animals. Currently, roadside plants represent more than 80 per cent of the known populations of DRF and three species are known only to exist in roadside populations;
- provide the basis for our important wildflower tourism industry. The aesthetic appeal of well-maintained roadsides should not be overlooked, and they have the potential to improve local tourism and provide a sense of place;
- often contain sites of Aboriginal /European historic or cultural significance;
- provide windbreaks and stock shelter areas for adjoining farmland by helping to stabilise temperature and reduce evaporation.



**The Fat-tailed Dunnart has been recorded in the Shire of Mt Marshall.**

Photo by G. Barron, Photo used with the permission of the WA Museum, FaunaBase (<http://www.museum.wa.gov.au/faunabase.htm>).



**Flora Roads are high conservation value roadside remnants.**

Photo D. Lamont.

- assist with erosion and salinity control, and not only in the land adjoining the road reserve; and
- provide a valuable source of seed for regeneration projects. This is especially pertinent to shrub species, as clearing and grazing beneath farm trees often removes this layer. Approval of the local shire and a CALM permit are required prior to collection. Guidelines for seed and timber harvesting can be found in Appendix 6.

## **2.0 What are the Threats?**

### Lack of Awareness

The general decline of the roadside environment can, in many instances, be attributed to the lack of awareness of the functional and conservation value of the roadside remnants, both by the general community and those who work in the road reserve environment. As a consequence, there is a lack of knowledge of threatening processes (such as road maintenance and inappropriate use of fire) on the sustainability of the roadside reserve as a fauna corridor and habitat area. This situation can therefore act as a catalyst for decline in environmental quality.

### Roadside Clearing

Western Australia's south-west agricultural region, also known as the Intensive Land-use Zone (ILZ), covers an area of approximately 25,091,622 ha, of which only 29.8% is covered by the original native vegetation. Of the 87 rural Local Government Authorities in this zone, 21 carry less than 10% of the original remnant vegetation, and a further 30 have less than 30% (Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. 2001).

Inappropriate road management practices, particularly the systematic and indiscriminate clearing of roadside vegetation in some areas has caused irreversible damage and impacted enormously upon the conservation value of roadsides in Western Australia. Clearing roadside vegetation reduces the viability of the roadside to act as a biological corridor, the diminished habitat width impeding the movement of wildlife throughout the surrounding landscape matrix. Roadside clearing activities have the potential to introduce and spread weeds, due to the movement and disturbance of soil, thus competing with native vegetation residing in the roadside. When coupled with poor site planning and preparation, road construction and maintenance projects can often introduce and spread weeds into previously undisturbed, weed-free roadsides. Roadsides are, in many cases, the only remaining example of remnant vegetation in agricultural areas, yet they are also at great risk due to ongoing inappropriate clearing.

Amendments to the *Environmental Protection Act* 1986 have put in place a permit application process designed to assess vegetation clearing based upon a number of clearing principles which ensure ecological, conservation and land degradation issues are considered. Under the Act clearing native vegetation requires a permit unless it is for exempt purposes. Maintaining *existing* clearances in transport corridors or the maintenance of *existing* infrastructure does not require a permit, while clearing to *establish* a new road or alignment does require a permit. These amendments are design to provide improved protection for native vegetation, maintain biodiversity and allow for some incidental clearing activities to continue, such as day-to-day farming practices, without the need for a permit.

## Fire

Although Western Australia's flora and fauna have evolved with a tolerance to pre-European fire regimes these are generally not present today. Fire in transport corridors will inevitably alter the native vegetation, but the extent of changes is dependent on a number of factors such as:

- species present;
- intensity of fire;
- frequency of fire; and
- seasonality of the fire.

The RCC's policies on fire management are:

1. Roadside Burning should not take place without the consent of the managing authority;
2. Local Government Authorities should adopt by-laws to control roadside burning;
3. Roadside burning should be planned as part of a total Shire/area Fire Management Plan;
4. Only one side of a road should be burnt in any one year;
5. When designing a Fire Management Plan, the two principles which must be kept in mind are the ecological management of vegetation and the abatement of fire hazard;
6. No firebreaks should be permitted unless the width of the roadside vegetation strip is greater than 20m;
7. A firebreak on any road reserve should be permitted only when, in the opinion of the road manager, one is necessary for the protection of the roadside vegetation. The road manager shall specify the maximum width to which the break may be constructed;
8. In the case of any dispute concerning roadside fire management, the Bush Fires Board should be called in to arbitrate.

If a decision is made to use fire, only one side of a road should be burnt at a time, as this will ensure retention of some of the scenic values associated with the road and also provide habitat for associated fauna.

Fire can be particularly destructive to heritage sites, whether they are of Aboriginal or European origin. Before any decision is made to burn a road verge, particularly if threatened flora is present, the proponent should be aware of all values present and the impact the fire will have. It is illegal to burn roadsides where Declared Rare Flora (DRF) is present, without written permission from the Minister for the Environment.



**Before a decision is made to burn a road verge, the impact on natural, cultural and landscape values should be carefully considered.**

Photo D. Lamont



## Weeds

Weeds are generally disturbance opportunists and as such the road verge often provides a vacant niche easily colonised. Their establishment can impinge on the survival of existing native plants, increase flammability of the vegetation and interfere with the engineering structure of the road. The effect of weed infestations on native plant populations can be severe, often with flow on effects for native fauna such as diminished habitat or food resources.

Once weeds become established in an area, they become a long-term management issue, costing considerable resources to control or eradicate. The WA Herbarium records 52 weed species in the Shire of Mt Marshall, see Appendix 4. The roadside survey recorded populations of 6 weed groups, which were then mapped in addition to the roadside conservation values. The 6 nominated weed groups were:

- Wild Oats,
- African Lovegrass,
- Matricaria,
- Wild Radish, Mustard and Turnip,
- Paterson's curse and
- Rye Grass and Barley Grass.

African lovegrass is an invasive weed worth noting, as it greatly increases the cost of road maintenance, and is becoming more prevalent on roadsides in the Shire of Mt Marshall. African lovegrass tends to grow on the edge of the bitumen, and slowly breaks it up by root penetration thereby allowing moisture to penetrate the road substrate.



**African lovegrass 'bunches' under the grader blade, requiring extra runs to remove it.**

Photo K. Jackson



*Avena fatua*

Photo: J.D. Dodd

**Wild oats often form dense stands, out-competing native plants, particularly grasses.**

Photography by J. Dodd Photo used with the permission of the WA Herbarium, CALM

<http://florabase.calm.wa.gov.au/help/photos#reuse>



*Echium plantagineum*

Photos: R. Knox & J. Dodd

**Paterson's curse is a widespread pasture weed that is spread by seed, making roadside populations a priority for control.**

Photography by R. Knox and J. Dodd Photo used with the permission of the WA Herbarium, CALM <http://florabase.calm.wa.gov.au/help/photos#reuse>.

### 3.0 Legislative Requirements

Uncertainty often exists in the minds of many with regard to the 'ownership', control and management of 'the roadside'. This problem is also exacerbated by the multitude of legislative reference to activities within a transport corridor.

The Department of Conservation and Land Management (CALM) has the legislative responsibility to manage and protect all native flora and fauna in Western Australia. It is important to note that all native flora and fauna is protected under provisions of the *Wildlife Conservation Act* 1950, and cannot be taken unless it is taken in a lawful manner. In addition to the general provisions relating to protected flora under the *Wildlife Conservation Act*, special protection is afforded to flora that is declared as rare or threatened under section 23F of the *Wildlife Conservation Act*.

The legislation pertaining to the management of road reserves is complex and includes those listed below.

#### **State legislation:**

- *Aboriginal Heritage Act* 1972
- *Agriculture and Related Resources Protection Act* 1976
- *Bush Fires Act* 1954
- *Conservation and Land Management Act* 1984
- *\*Environmental Protection Act* 1986
- *Heritage of WA Act* 1990
- *Land Act* 1933
- *Local Government Act* 1995
- *Main Roads Act* 1930
- *Mining Act* 1978
- *Soil and Land Conservation Act* 1945
- *State Energy Commission Supply Act* 1979
- *Water Authority Act* 1987
- *Wildlife Conservation Act* 1950-1979

#### **Commonwealth legislation:**

- *Environment Protection and Biodiversity Conservation Act* 1999

\* The State Government has recently made changes to the *Environmental Protection Act* 1986.

New legalisation has been introduced under the *Environmental Protection Act* 1986 which specify that all clearing of native vegetation require a permit, unless it is for an exempt purpose. The Environmental Protection (Clearing of Native Vegetation) Regulations 2004 provide an outline of these exemptions. Clearing applications are assessed against twelve clearing principles, which look at values such as the;

- biological value of the remnant vegetation,
- potential impact on wetlands and drainage,
- existence of rare flora and threatened ecological communities, and
- likely land degradation impacts.

This assessment process is designed to provide a more comprehensive and stringent land clearing control system. There are two land clearing permits available, an area permit and a purpose permit. Where clearing is for a once-off clearing event such as pasture clearing or an agricultural development for example, an area permit is required. Where ongoing clearing is necessary as part of a maintenance program for road or railway reserves for example, a purpose permit is needed. The exemptions are designed to enable farmers and landholders to continue regular incidental clearing without having to apply for a permit. In the case of Shire road construction and maintenance activities, clearing is allowed to occur if it is to the width and height previously cleared for that purpose. A permit will be required if clearing is needed to establish a new road, widen an existing road surface into roadside vegetation or create a new gravel pit on uncleared land for example.

It is recommended that a cautionary approach be taken when working within roadsides, and that the relevant authority be contacted if there is any doubt about the management or protection of heritage or conservation values present in the roadsides.

#### **4.0 Special Environment Areas**

A Special Environmental Area is a section of roadside that requires special protection for the following reasons:

- protection of rare or threatened species of native plants;
- protection of sites that have other high conservation, scientific or aesthetic values;
- protection of Aboriginal or European cultural sites.

Special Environmental Areas can be delineated by the use of site markers. See the RCC publication *Guidelines for Managing Special Environmental Areas in Transport Corridors* for design and placement of SEA markers. Workers who come across a 'Special Environmental Area' marker in the field should not disturb the area between the markers unless specifically instructed. If in doubt, the Supervisor, Shire Engineer or CEO should be contacted. Western Power and West Net rail also have systems for marking sites near power or rail lines.

To ensure that knowledge of rare flora and other sites does not get lost due, perhaps, to staff changes, the Local Authority should establish a *Special Environmental Area Register*. This should outline any special treatment, which the site should receive, and be consulted prior to any work being initiated in the area.

The Special Environmental Area Register should be consulted by the appropriate person prior to work commencing on any particular road. This will ensure that inadvertent damage does not occur.



**Roadside SEA markers are highly visible.**

Photo by K. Jackson

Local Government is encouraged to permanently mark Special Environmental Areas to prevent inadvertent or inappropriate damage to the rare flora or other values being protected. Markers of a uniform shape and colour will make recognition easier for other authorities using road reserves.

## 5.0 Flora Roads

A flora road is one which has special conservation value because of the vegetation contained within the road reserve. The managing authority may decide to declare a Flora Road based on the results of the survey of roadside conservation value. The Roadside Conservation Committee has prepared *Guidelines for the Nomination and Management of Flora Roads*, refer to Appendix 7. The Flora Road signs (provided by the RCC) draw the attention of both the tourist and anyone working in the road reserve, to the roadside flora, indicating that it's special and worthy of protection. The program seeks to raise the profile of roadsides within both the community and road management authorities.

Although presently there are no Flora Roads designated within the Shire of Mt Marshall, the roadside survey and the roadside conservation value (RCV) map highlighted a number of roadsides that have the potential to be declared as Flora Roads. These, and other roads may be investigated further to see if they warrant a declaration as a Flora Road, see Part C of this report. This has the dual effect of drawing the attention of tourists to the high conservation value roadside and also alerting all that work in the roadside environment that the marked section of roadside requires due care to protect the values present.



**Roadsides are one of the most accessible places for tourists to view wildflowers.**

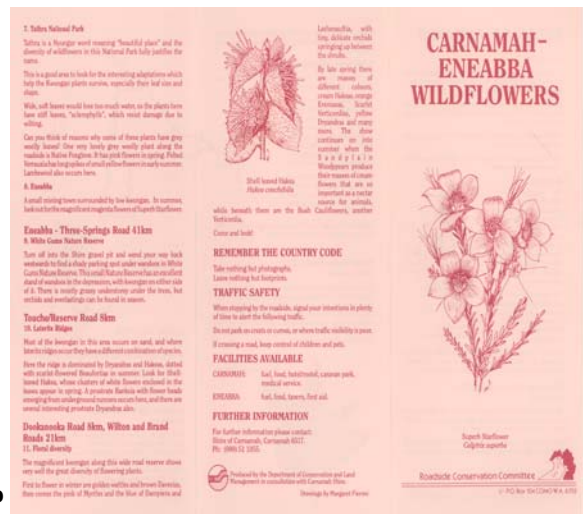
Photo by CALM

In order to plan roadworks so that important areas of roadside vegetation are not disturbed, road managers should know of these areas. It is important to the sustainability of the designated flora roads, that all road managers are aware of the location of flora roads under their control. It is suggested that the Shire establish a *Special Environmental Area Register* important for conservation.

Attractive roadside drives are an important focus in Western Australia, the "Wildflower State". Declared Flora Roads will, by their very nature, be attractive to tourists and would often be suitable as part of a tourist drive network. Consideration should be given to:

- promoting the road by means of a small brochure or booklet,
- showing all Flora Roads on a map of the region or State,
- using specially designed signs to delineate the Flora Road section (contact the RCC).

**Right: The RCC has assisted local communities to produce wildflower drive pamphlets.**



# **PART B**

## **The Natural Environment in Mt Marshall**

## 1.0 Flora

On a global scale, Western Australia has almost ten times the amount of vascular plant varieties than countries such as Great Britain. In fact Western Australia has some 4.8% of the 250,000 known vascular flora present on Earth. The Western Australian flora is also unique, with the majority of species being endemic, that is, found nowhere else in the world. Up to 75% of the 6,000 species in the southwest, are endemic.

The WA Herbarium lists over 700 species of plants present in the Shire of Mt Marshall. The most prolific genus are *Acacia* 82 spp, *Eucalyptus* 48 spp, *Grevillea* 28 spp, and 21 species of *Melaleuca*. The complete list of recorded flora can be seen in Appendix 4 of this report.

## 2.0 Declared Rare Flora (DRF)

Declared Rare Flora (DRF) species, or populations, are of great conservation significance and should therefore be treated with special care when road and utility service, construction or maintenance is undertaken. Populations of DRF along roadsides are designated Special Environmental Areas (SEA's) and are delineated by yellow stakes with an identification plate welded on.



**Round leaf Grevillea (*Grevillea teretifolia*), a native plant of the roadside flora in the Shire of Mt Marshall.**

Photography by H. Adamson, and M Kealley. Photo used with the permission of the WA Herbarium, CALM <http://florabase.calm.wa.gov.au/help/photos#reuse>

It is suggested that the RCC publication *Guidelines for Managing SEA's in Transport Corridors* is used as a guideline for managing these sites. It is the responsibility of the road manager to ensure these markers are installed, and guides for this are available from the Roadside Conservation Committee. For information regarding DRF, contact the CALM Flora Officer for the Merredin District. If roadworks are to be carried out near DRF sites, it is advisable to contact CALM at least one week in advance.

Currently (as at January 2005), 14 populations of six DRF species were known from roadside populations within the Shire of Mt Marshall. All sites are vested in the Shire of Mt Marshall. These include:

- *Boronia adamsiana*;
- *Eucalyptus synandra*;
- *Eremophila resinosa*;
- *Eremophila virens*;
- *Stylidium merrallii*; and
- *Caladenia drakeoide*.

### 3.0 Fauna

The Western Australian Museum records approximately 100 species of native fauna from the Mt Marshall area, listed in Appendix 5. WA Museum fauna records comprise specimen records, museum collections and observations from 1850 to present; therefore it is intended to act only as a general representation of the fauna in the area. Of the native fauna species recorded in the Mt Marshall area, there were 24 bird, 6 amphibia, 13 mammal and 57 reptile species.

A number of the fauna species recorded from Mt Marshall are classified as endemic to the wheatbelt region of Western Australia, or smaller regions within the State.

For example, the Clawless Gecko (*Crenadactylus ocellatus ocellatus*) occurs only within Western Australia's semiarid south-western interior, including the Shire of Mt Marshall.

The *Wildlife Conservation Act* 1950 provides for native fauna (and flora) to be specially protected where they are under identifiable threat of extinction, and as such, are considered to be "threatened". Based on distributional data from the Department of CALM, eight species of threatened and priority fauna have been recorded or sighted throughout the Shire of Mt Marshall, and these are listed below.

- Bilby (*Macrotis lagotis*);
- Chuditch (*Dasyurus geoffroii*);
- Crested Bellbird (southern) (*Oreoica gutturalis gutturalis*);
- Major Mitchell's Cockatoo (*Cacatua leadbeateri*);
- Malleefowl (*Leipoa ocellate*);
- Numbat (*Myrmecobius fasciatus*);
- Parartemia contracta (*Parartemia contracta*); and
- Tree Stem Trapdoor Spider (*Aganippe castellum gutturalis*).

Many fauna species, particularly small birds need continuous corridors of dense vegetation to move throughout the landscape. Roadsides therefore are of particular importance to these avifauna because they usually contain the only continuous linear vegetation connection in some areas.



Photos: P. Roberts, S.D. Hopper & S.J. Patrick  
**Jingymia Mallee, *Eucalyptus synandra*, (pictured above) is declared rare and is present within roadsides in the Shire of Mt Marshall.**

Photos by P. Roberts, S.D. Hopper and S.J. Patrick Photo used with the permission of the WA Herbarium, CALM (<http://florabase.calm.wa.gov.au/help/photos#reuse>)



**The Clawless gecko (*Crenadactylus ocellatus ocellatus*), an endemic species, is found in the Shire of Mt Marshall.**

Photo by P. Griffin, Photo used with the permission of the WA Museum, FaunaBase (<http://www.museum.wa.gov.au/faunabase.htm>).

#### 4.0 Remnant Vegetation Cover

Only 10.6 per cent of the original native vegetation remains in the Shire of Mt Marshall. Whilst this is higher than several other NEWROC Shires, the remaining remnants can be depleted if proactive measures are not taken to manage this priceless resource. This figure does not account for land in the pastoral areas of the Shires.

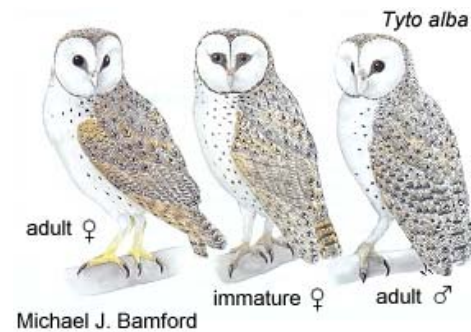
| Shire       | Total Area (ha) | Area inside Clearing Line (ha) | % Vegetation Cover Remaining (inside clearing line) |
|-------------|-----------------|--------------------------------|---|
| Mt Marshall | 1,019,574       | 444,185                        | 10.6%   |
| Nungarin    | 117,004         | 117,004                        | 15.2%   |
| Westonia    | 329,601         | 269,088                        | 21.5%   |
| Wyalkatchem | 158,004         | 158,004                        | 4.9%  |
| Trayning    | 164,255         | 164,255                        | 8.4%  |
| Koorda      | 283,746         | 266,057                        | 8.1%  |
| Mukinbudin  | 342,575         | 278,129                        | 14.0%   |

**Table 1. Remnant vegetation remaining in agricultural areas of the NEWROC Shires (Shepherd, Beeston and Hopkins, 2001).**

The continued presence of the flora and fauna living in these fragmented remnants is dependant on the connectivity throughout the landscape. This enables access to habitat and food resources essential for the survival of species and the overall biodiversity of the region. In many situations remnant native vegetation in transport corridors is of vital importance as it provides the only continuous link throughout the landscape.



**Tree hollows are of vital importance to breeding birds.**



**The Barn Owl (*Tyto alba*) occurs in the Mt Marshall area.**

Illustration by M. Bamford, Illustration used with the permission of the WA Museum, FaunaBase (<http://www.museum.wa.gov.au/faunabase.htm>).



**PART C**

**ROADSIDE  
SURVEYS IN THE  
SHIRE OF MT  
MARSHALL**

## 1.0 Introduction

The roadside survey and mapping program was developed to provide a method of readily determining the conservation status of roadsides. Using this method, community volunteers are able to participate in a 'snapshot' survey of roadside vegetation to identify a range of attributes that, when combined, give an overall indication of the conservation status of the vegetation.

The majority (95%) of the Shire of Mt Marshall's 1,747 km of roadsides were assessed and subsequently mapped to determine the conservation status of the road reserves. Fieldwork was carried out throughout the months of November and December 2003 and March 2004. The enthusiastic efforts of the roadside surveyors, particularly Community Landcare Coordinator Kevin Trustum and the support provided by Council and Shire staff ensured that this project was successfully completed.

## 1.1 Methods

The methods to assess and calculate the conservation value of the roadside reserves are described in *Assessing Roadsides: A guide for Rating Conservation Value* (Jackson, 2002). The process involves scoring a set of pre-selected attributes, which, when combined, represent a roadside's conservation status. A list of these attributes is presented on a standard survey sheet in Appendix 1. This provides both a convenient and uniform method of scoring.

The following attributes were used to produce a quantitative measure of conservation value:

- structure of native vegetation on roadside;
- extent of native vegetation along roadside;
- number of native species;
- level of weed infestation;
- value as a biological corridor; and
- predominant adjoining land use.

Each of these 6 attributes was given a score ranging from 0 to 2 points. Their combined scores provided a conservation value score ranging from 0 to 12. The conservation values, in the form of conservation status categories, are represented on the roadside conservation value map by the following colour codes.

| <b>Conservation Value</b> | <b>Conservation Status</b> | <b>Colour Code</b> |
|---------------------------|----------------------------|--------------------|
| 9 – 12                    | High                       | Dark Green         |
| 7 – 8                     | Medium High                | Light Green        |
| 5 – 6                     | Medium Low                 | Dark Yellow        |
| 0 – 4                     | Low                        | Light Yellow       |

The following attributes were also noted but did not contribute to the conservation value score:

- width of road reserve;
- width of vegetated roadside;
- presence of utilities/disturbances;

- general comments.

It is felt that the recording of these attributes will provide a dataset capable of being used by a broad range of community land management interests.

## 1.2 Mapping Roadside Conservation Values

The RCC produced a computer-generated map (using a Geographic Information System, or GIS), at a scale of 1:150,000 for the Shire of Mt Marshall. Known as the Roadside Conservation Value (RCV) map, it depicts the conservation status of the roadside vegetation and the width of the road reserves within the Shire of Mt Marshall. The data used to produce both the map and the following figures and tables are presented in Appendix 2. Road names and length information can be found in Appendix 3.

Digital information was obtained from the Department of CALM, Main Roads WA and the Department of Agriculture WA and used in the map, depicting the location of remnant vegetation on both the Crown estate and privately owned land. Watercourses are also depicted on the RCV map.

## 1.3 Roadside Conservation Value Categories

High conservation value roadsides are those with a score between 9-12, and generally display the following characteristics:

- intact natural structure consisting of a number of layers, i.e. ground, shrub, tree layers;
- extent of native vegetation greater than 80%, i.e. little or no disturbance;
- high diversity of native flora, i.e. greater than 20 different species,
- few weeds, i.e. less than 20% of the total plants; and
- high value as a biological corridor, i.e. may connect uncleared areas, contain flowering shrubs, tree hollows and/or hollow logs for habitat.



**This high conservation value roadside in Mt Marshall contains relatively intact, undisturbed and diverse remnant vegetation.**

Photo K. Trustum.

Medium-high conservation value roadsides are those with a score between 7-8, and generally have the following characteristics:

- generally intact natural structure, with one layer disturbed or absent;
- extent of native vegetation between 20-80%;
- medium to high diversity of native flora, i.e. between 6-19 species;
- few to half weeds i.e. between 20-80% of the total plants;
- medium to high value as a biological corridor.



**Medium-high conservation value roadsides contains a moderate number of native species, some disturbance and weed invasion, but have relatively intact natural structure.**

Photo RCC.

Medium-low conservation value roadsides are those with a score between 5-6, and generally have the following characteristics:

- natural structure disturbed, i.e. one or more vegetation layers absent;
- extent of native vegetation between 20-80%;
- medium to low diversity of native flora, i.e. between 0-5 species;
- half to mostly weeds, i.e. between 20-80% of total plants;
- medium to low value as a biological corridor.



**Medium-low conservation value roadsides may contain Declared Rare Flora (DRF).**

Photo by RCC

Low Conservation Value roadsides are those with a score between 0-4, and generally have the following characteristics:

- no natural structure i.e. two or more vegetation layers absent;
- low extent of native vegetation, i.e. less than 20%;
- low diversity of native flora, i.e. between 0-5 different species;
- mostly weeds, i.e. more than 80% of total plants, or ground layer totally weeds;
- low value as a biological corridor.



**Low conservation value roadsides are typically dominated by weeds and have little or no native vegetation.**

Photo by K. Trustum

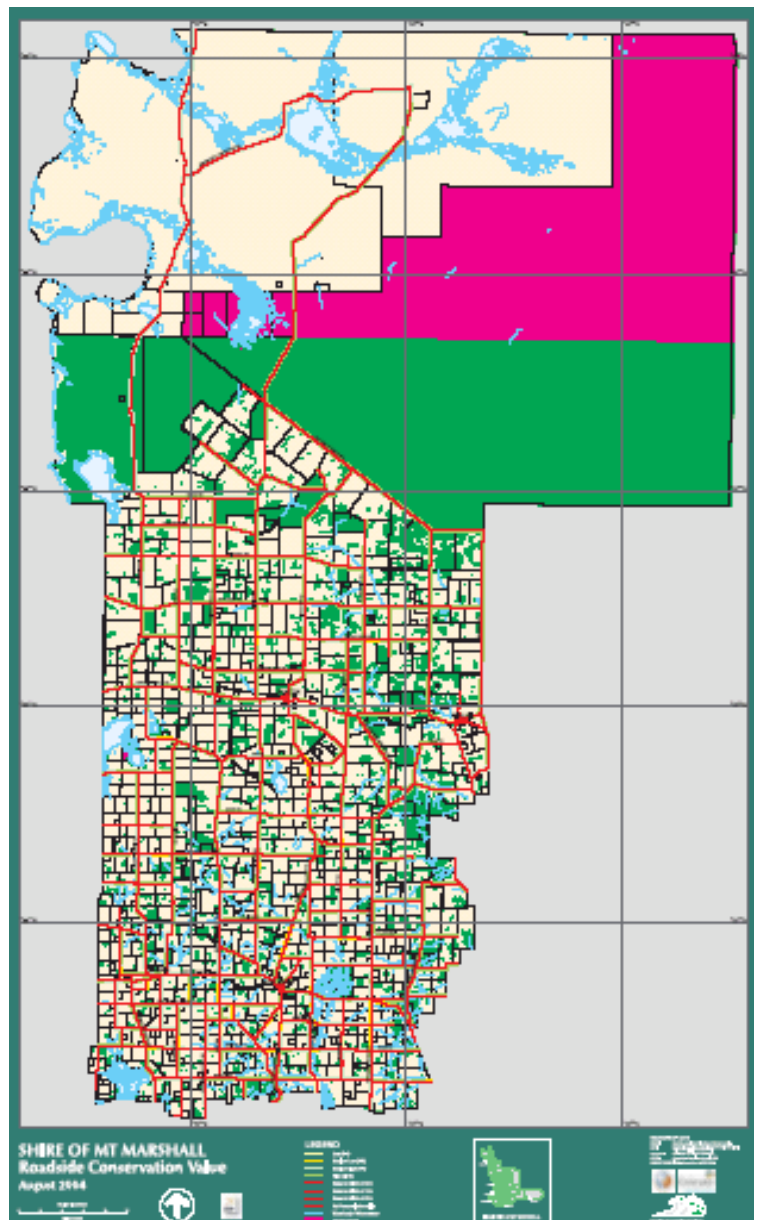
## 2.0 USING THE RCV MAP

The RCV map initially provides an inventory of the condition of the roadside vegetation. This is important as the quality of roadside vegetation has far reaching implications for sustaining biodiversity, tourism and Landcare values.

Moreover, the data and map can be incorporated as a management and planning tool for managing the roadsides, as it enables the condition of roadside vegetation to be easily assessed. This information can then be used to identify environmentally sensitive areas, high conservation roadsides or strategically important areas, and thus ensure their conservation. Conversely, it enables degraded areas to be identified as areas important for strategic rehabilitation or in need of specific management techniques and weed control programs.

The map can also be used as a reference to overlay transparencies of other information relevant to roadside conservation. This enables the roadside vegetation to be assessed in the context of its importance to the shire's overall conservation network. Other overlays, such as the degree of weed infestation, or the location of environmentally sensitive areas or future planned developments, could also be produced as an aid to roadside management.

This report contains a number of recommendations that may be considered by the Shire of Mt Marshall.



**The RCV map depicts roadside conservation values in the Shire of Mt Marshall.**

As well as providing a road reserve planning and management tool, the roadside conservation value map can also be used for developing:

- regional or district fire management plans;
- Landcare and/or Bushcare projects that would be able to incorporate the information from this survey into 'whole of' landscape projects.
- tourist routes, i.e. roads depicted as high conservation value would provide visitors to the district with an insight to the flora of the district;



**Weed control along a roadside**  
Photo MRWA



**Catchment recovery projects, such as revegetation programs can utilise the information conveyed on roadside conservation value maps.**

Photo by RCC



**The road manager can declare high conservation value roads as Flora Roads.**

Photo by D. Lamont.



**The survey data and map can be used in developing regional or district fire management plans**

Photo by DALM

### 3.0 RESULTS

Using the information collected by the roadside survey, totals of the 6 attributes used to calculate conservation values in the Shire of Mt Marshall is presented in Table 2. The other attributes; width of road reserve and width of vegetated roadside are presented in Table 3. The survey data has been combined to provide the total kilometres and percentages of roadside occupied by each of the conservation status categories, and the attributes used to calculate the conservation values. As roadsides occur on both sides of the road, roadside distances (km) are equal to *twice* the actual distance of road travelled.

| <b>Summary Information Shire of Mt Marshall</b>             |            |       |  |            |       |
|---|------------|-------|--|------------|-------|
| Length of roadsides surveyed: 3,312.6km (1,656.3km of road) |            |       |  |            |       |
| <b><u>Conservation Status</u></b>                           |            |       | <b><u>Native Vegetation in Roadsides</u></b> |            |       |
|   | Total (km) | %     |  | Total (km) | %     |
| High (9-12)   | 2235.3     | 67.5  | 2-3 vegetation layers                        | 3199.3     | 96.6  |
| Medium-high (7-8)   | 893.4      | 27.0  | 1 vegetation layer                           | 89.2       | 2.7   |
| Medium-low (5-6)  | 129.6      | 3.9   | 0 vegetation layers                          | 24.2       | 0.7   |
| Low (0-4)   | 54.3       | 1.6   | Total  | 3312.6     | 100.0 |
| Total   | 3312.6     | 100.0 |  |            |       |
| <b><u>Number of Native Plant Species</u></b>                |            |       | <b><u>Extent of Native Vegetation</u></b>    |            |       |
|   | Total (km) | %     |  | Total (km) | %     |
| Over 20 species   | 402.7      | 12.2  | Over 80%                                     | 2086.2     | 63.0  |
| 6 to 19 species   | 2683.7     | 81.0  | 20% to 80%                                   | 972.0      | 29.3  |
| 0 to 5 species  | 226.3      | 6.8   | Less than 20%                                | 254.5      | 7.7   |
| Total   | 3312.6     | 100.0 | Total  | 3312.6     | 100.0 |
| <b><u>Predominant Adjoining Land use</u></b>                |            |       | <b><u>Value as a Biological Corridor</u></b> |            |       |
|   | Total (km) | %     |  | Total (km) | %     |
| Agricultural: completely cleared                            | 2615.64    | 79.0  | High   | 1547.8     | 46.7  |
| Agricultural: scattered vegetation                          | 63.6       | 1.9   | Medium                                       | 1714.5     | 51.8  |
| Uncleared native vegetation                                 | 539.3      | 16.3  | Low  | 50.3       | 1.5   |
| Drain   | 0.0        | 0.0   | Total  | 3312.6     | 100.0 |
| Plantation of non-natives                                   | 0.0        | 0.0   |  |            |       |
| Railway   | 48.4       | 1.5   | <b><u>Weed Infestation</u></b>               |            |       |
| Urban or Industrial   | 0.0        | 0.0   |  | Total (km) | %     |
| Other   | 45.7       | 1.4   | Light  | 2260.1     | 68.2  |
| Total   | 3312.6     | 100.0 | Medium                                       | 780.9      | 23.6  |
|   |            |       | Heavy  | 271.6      | 8.2   |
|   |            |       | Total  | 3312.6     | 100.0 |

Roadside surveys were carried out in Mt Marshall Shire throughout September-December 2003 and March 2004

**Table 2: Summary of results from the roadside survey in the Shire of Mt Marshall.**

| <u>Width of road reserve</u> |            |       | <u>Width of Vegetated Roadside</u> |            |       |
|------------------------------|------------|-------|------------------------------------|------------|-------|
|                              | Total (km) | %     |                                    | Total (km) | %     |
| 20m                          | 1365.6     | 82.4  | Vegetation 1 to 5 m                | 1984.5     | 59.9  |
| 40m                          | 283.9      | 17.1  | Vegetation 5 to 20 m               | 891.4      | 26.9  |
| No data                      | 6.8        | 0.4   | Vegetation Over 20 m               | 432.4      | 13.1  |
| Total                        | 1656.3     | 100.0 | No Data                            | 4.4        | 0.1   |
|                              |            |       | Total                              | 3312.6     | 100.0 |

**Table 3: Width of road reserves and width of vegetation on roadsides in the Shire of Mt Marshall.**

### Width of Road Reserve

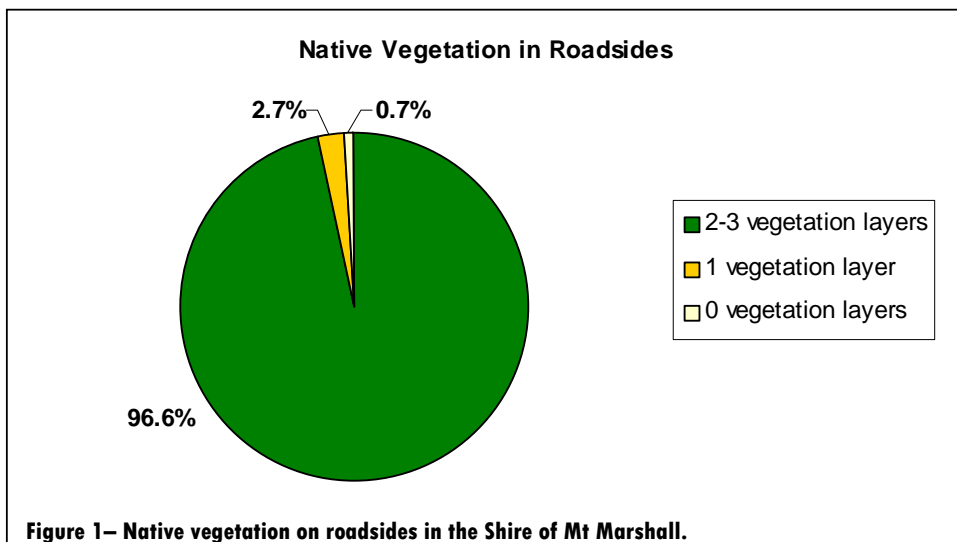
The width of road reserves in the Shire of Mt Marshall was recorded throughout the roadside survey in increments of 20 metres. The majority of road reserves were 20 metres in width, with 1365.6 km, or 82.4% of roads falling into this category. Of the remaining roads, 283.9 km, or 17.1%, were 40 metres in width. No data was recorded for 6.8 km, or 0.4% of the roadsides surveyed.

### Width of Vegetated Road Reserve

The width of vegetated roadside was recorded by selecting one of three categories, 1-5 metres, 5-20 metres or over 20 metres in width. The left and right hand sides were recorded independently, and then combined to establish the total figures shown in Table 3. The majority of roadside vegetation (1984.5 km or 59.9%) was between 1 to 5 metres in width, followed by 891 km (26.9%) of roadsides where the vegetation fell between 5 to 20 metres in width. Roadside vegetation over 20 metres in width spanned 432.4 km, or 13.1% of the roadsides surveyed, whilst no data was recorded for 4.4 km or 0.1% of the roadsides surveyed.

### Native Vegetation in Roadsides

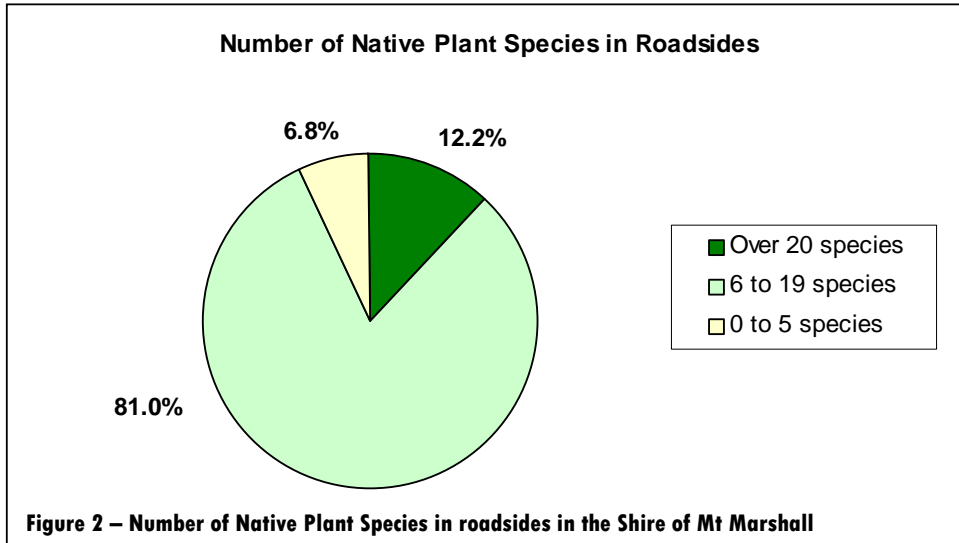
The number of native vegetation layers present, either the tree, shrub or ground layers determined the 'native vegetation on roadside' value. Sections with two to three layers of native vegetation covered 96.6% of roadsides (3199.3 km), 2.7% had only one layer (89.2 km) and 0.7% had no layers of native vegetation (24.2 km), refer to Figure 1.





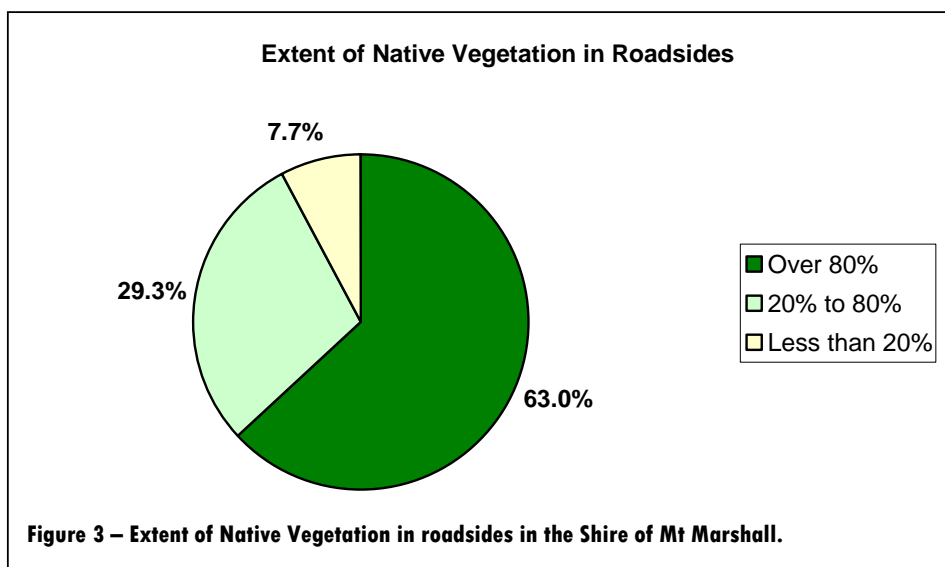
### Number of Native Plant Species

The 'number of native plant species' score provided a measure of the diversity of the roadside vegetation. Survey sections with more than 20 plant species spanned 12.2% (402.7 km) of the roadsides surveyed. Roadside sections with 6 to 19 plant species accounted for 81% (2,683.7 km) of the roadside. The remaining 6.8% (226.3 km) contained less than 5 plant species, refer to Figure 2.



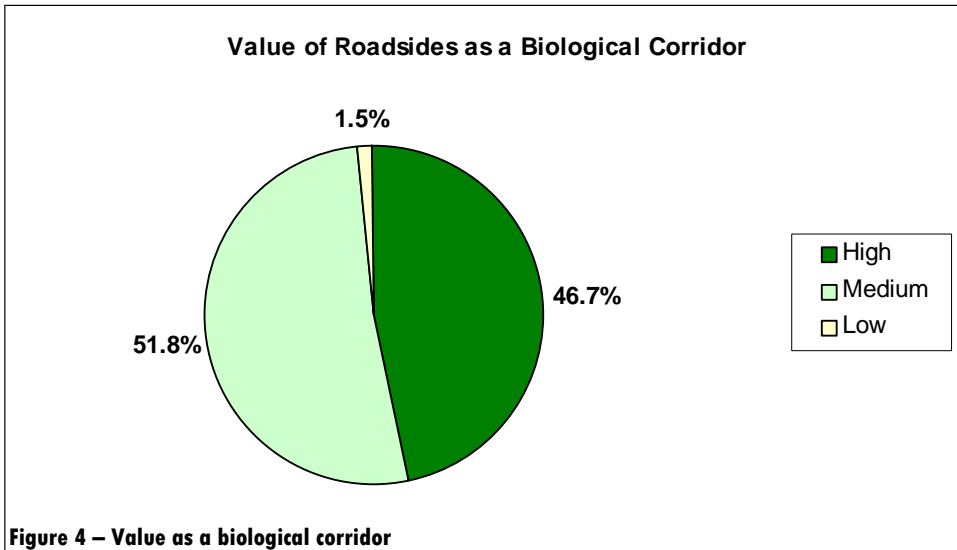
### Extent of Native Vegetation

The 'extent of native vegetation' cover refers to the continuity of the roadside vegetation and takes into account the presence of disturbances such as weeds. Roadsides with extensive vegetation cover, i.e. greater than 80%, occurred along 63.0% of the roadsides surveyed (2,086.2 km). Survey sections with 20% to 80% vegetation cover accounted for 29.3% of the roadsides (972.0 km). The remaining 7.7% had less than 20% native vegetation (254.5 km), and therefore, a low 'extent of native vegetation' value, refer to Figure 3.



### Value as a Biological Corridor

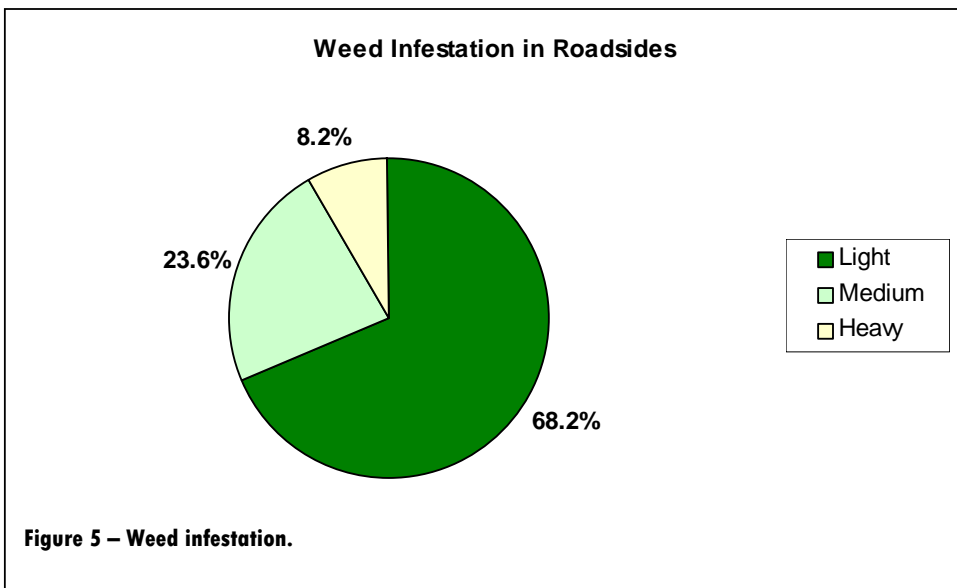
Roadsides determined to have high value as biological corridors (considers four attributes- connection to uncleared areas; presence of flowering shrubs; large trees with hollows and hollow logs) were present along 46.7% (1547.8 km) of the roadsides surveyed. Roadsides with medium value as biological corridors made up 51.8% (1714.5 km), and roadsides with low value as a biological corridor occurred along 1.5% (50.3 km) of the roadsides surveyed, refer to Figure 4.



**Figure 4 – Value as a biological corridor**

### Weed Infestation.

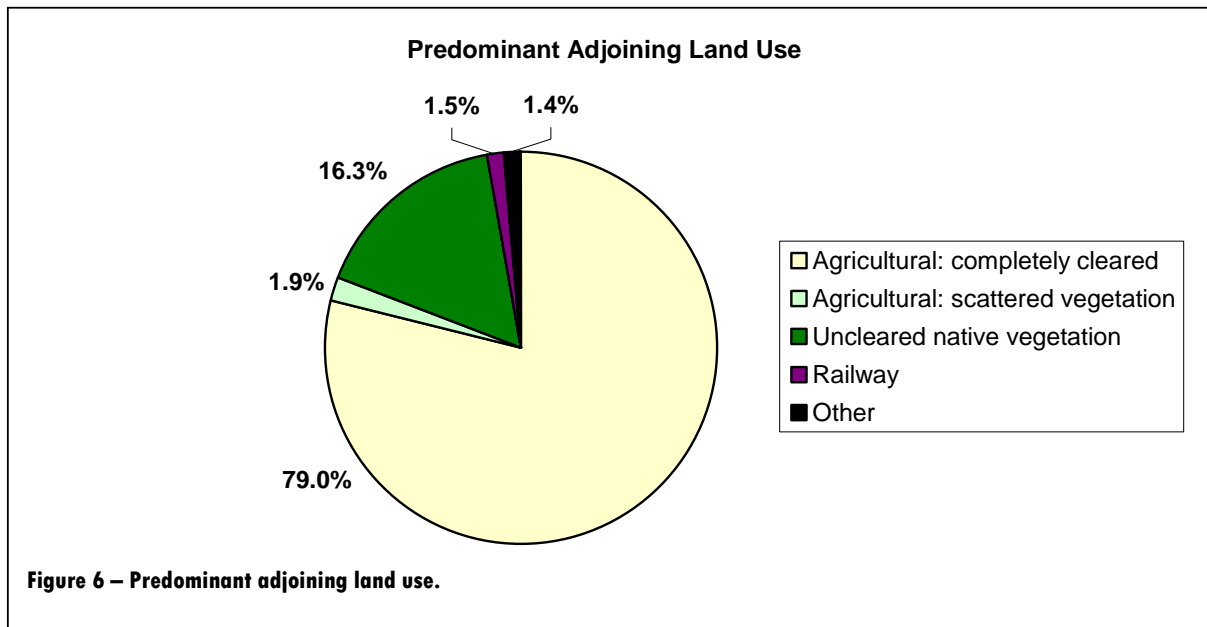
Light levels of weed infestation (weeds less than 20% of total plants), were recorded on 68.2% (2260.1 km) of the roadsides surveyed, medium level weed infestation (weeds 20-80% of the total plants) occurred on 23.6% (780.9 km) of the roadsides and 8.2% of roadsides (271.6 km) were heavily infested with weeds (weeds more than 80% of the total plants), refer to Figure 5.



**Figure 5 – Weed infestation.**

### Predominant Adjoining Land Use

Uncleared native vegetation was present on 16.3% (539.3 km) of the land adjoining roadsides, whilst 79.0% (2,615.64 km) of roadsides adjoined land that had been completely cleared for agriculture. 1.9% (63.6 km) of the roadsides bordered land cleared for agriculture, but contained a scattered distribution of native vegetation. Railways were the predominant adjoining land use for 1.5% (48.4 km) of the roadsides surveyed, 'other' land uses adjoined 1.4% (45.7 km) of the roadsides surveyed, see Figure 6.

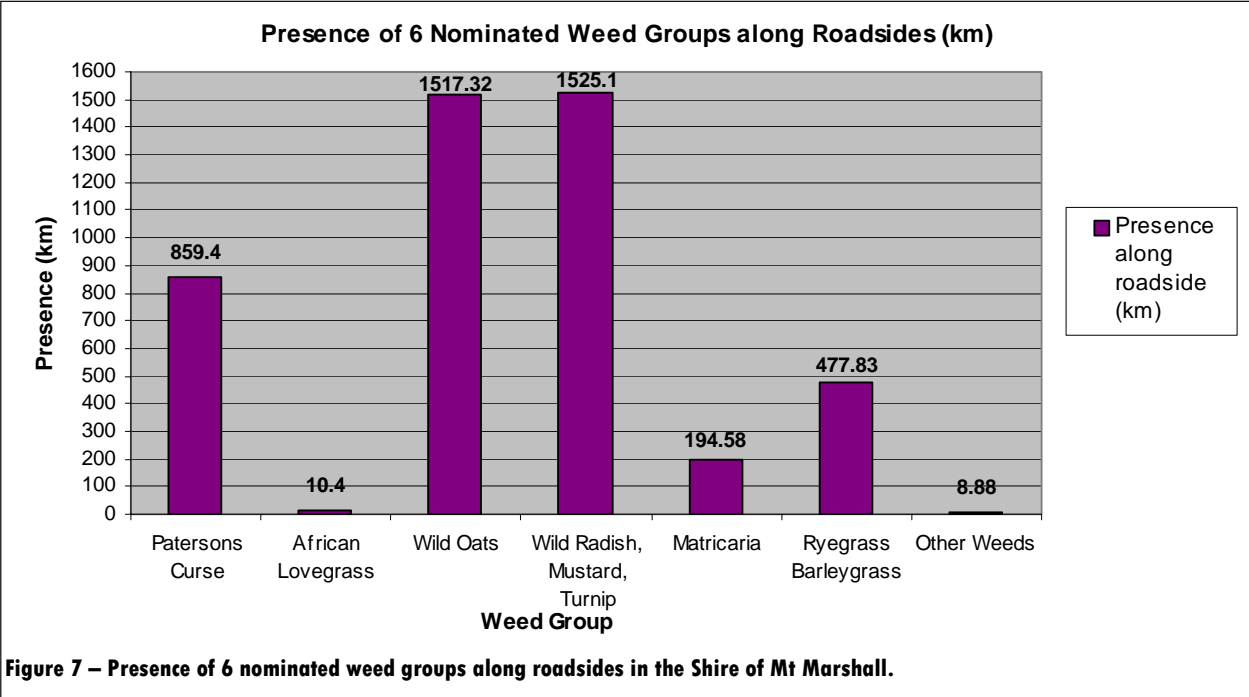


### Nominated Weeds

The following weeds/ weed groups are depicted on clear overlays accompanying the 2004 RCV map:

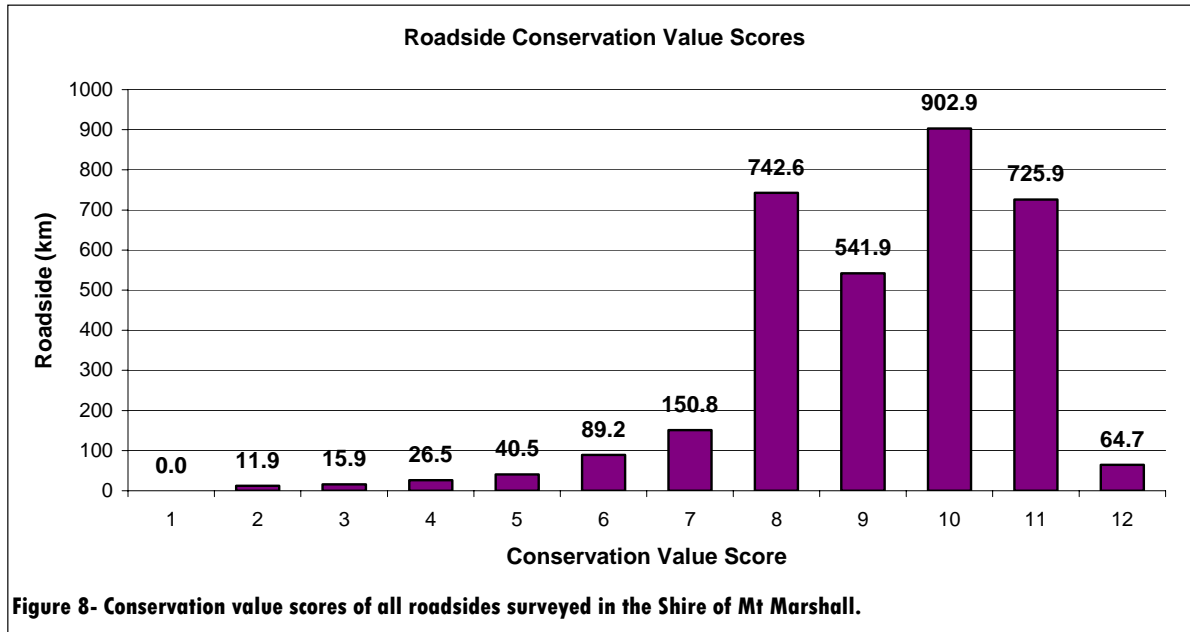
- Paterson's Curse (*Echium plantagineum*);
- African Lovegrass (*Eragrostis curvula*);
- Wild Oats (*Avena fatua*);
- Wild Radish, Mustard, Turnip (*Raphanus raphanistrum*, *Brassica* spp., *Brassica* spp.);
- Matricaria (*Matricaria* spp.); and
- Ryegrass and Barley Grass (*Secale cereale*, *Hordeum* spp.).

Of the 6 nominated weeds/groups, the group consisting of Wild Radish, Mustard and Turnip was the most prevalent, and was recorded along 1525.1 km (or 46%) of roadsides surveyed. Wild oats were almost as prevalent, recorded along 1517.32 km (or 45.8%) of roadsides. Paterson's curse was the next most commonly recorded weed, occurring along 859.4 km (or 25.9%) of roadsides. The weed group Ryegrass and Barley grass was recorded along 477.83 km (or 14.4%) of roadsides, followed by Matricaria along 194.58 km (or 5.9%) of roadsides surveyed. African lovegrass was recorded along 10.4 km (or 0.3%). Other weeds were recorded along 8.88 km (or 0.3%) of roadside, refer to Figure 7.



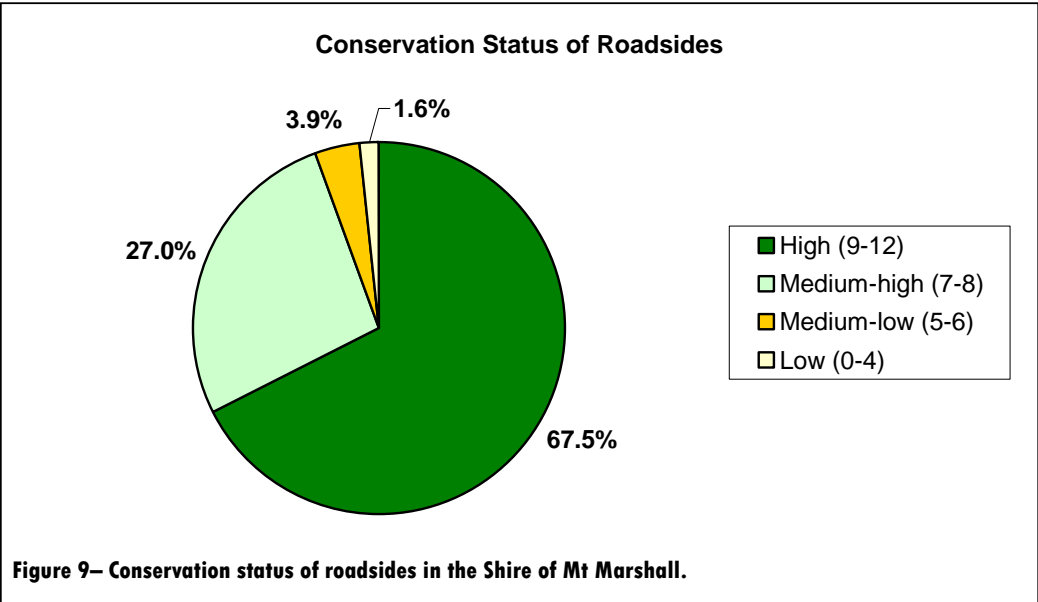
### Conservation Value Scores

Conservation value scores were calculated for each section of roadside surveyed. Scores range from 1 to 12, from lowest to highest conservation value respectively, these are shown in Figure 8. The most occurring roadside conservation values were between 8 and 11, with a score of 10 being the highest with 902.9 km of roadside, followed by 8 (742.6 km), then 11 (725.9 km) and then the score of 9 (541.9 km). Roadside conservation value score of 7 covered 150.8 km of roadsides, a score of 6 covered 89.2 km, and a score of 12 spanned 64.7 km. 40.5 km of roadsides scored 5, 26.5 km of roadsides scored 4, 15.9 km of roadside scored 3, 11.9 km of roadsides scored 2 and 0 km of roadsides scored 1.



### Conservation Status

The conservation status category indicated the conservation value of roadsides surveyed in the Shire of Mt Marshall. Roadside sections of high conservation value covered 67.5% (2235.5 km) of the length of roadsides surveyed. Medium-high conservation value roadsides accounted for 27.0% of the total surveyed (893.4 km), medium-low conservation roadside covered 3.9% (129.6 km) of the total surveyed. Roadsides of low conservation value occupied 1.6% (54.3 km) of the roadsides surveyed, refer to Figure 9.



Flora Roads

A flora road is one which has special conservation value because of the vegetation contained within the road reserve. The Roadside Conservation Committee has prepared *Guidelines for the Nomination and Management of Flora Roads*, refer to Appendix 7.

Although presently there are no Flora Roads designated within the Shire of Mt Marshall, the roadside survey and the roadside conservation value (RCV) map highlighted a number of roadsides that have the potential to be declared as Flora Roads. Roadsides, or large sections of roadsides, determined as having high conservation value in the Shire of Mt Marshall include:

- AITKEN RD
- ANDREWS TANK RD
- AYRES RD
- BARBALIN KOONKOOBING RD
- BARNEY BORE RD
- BEACON ROCK RD
- BENCUBBIN BEACON RD
- BIMBIJY RD
- BOUNDARY RD
- BREAKELL RD
- BROOKS RD
- BURAKIN WIALKI RD
- BURNETT RD
- CLARK RD
- CRABBE RD
- DALGOURING RD
- EMU PROOF FENCE RD
- GARDNER RD
- GILLETT RD
- GRYLLIS RD
- HAMMOND RD
- HUCKSTEP RD
- INGLETON RD
- JUNK RD
- LANCASTER RD
- LUCKMAN RD
- MARINDO NORTH RD
- MITCHELL WEST RD
- SCOTSMAN RD
- STONE RD
- WALKER RD

## 4.0 Management Recommendations

The primary aim of road management is the creation and maintenance of a safe, efficient road system. However, the following management procedures are recommended. The following section provides general management recommendations that will assist in retaining and enhancing roadside conservation values.

The Executive Officer of the Roadside Conservation Committee is also available to provide assistance on all roadside conservation matters, and can be contacted on (08) 9334 0423. The following RCC publications provide guidelines and management recommendations that will assist Local Government Authorities:

- *RCC Roadside Manual*,
- *The Roadside Handbook*, and
- *Guidelines for Managing Special Environmental Areas in Transport Corridors*.

### 4.1 Management Recommendations

#### 1. *Protect high conservation value roadsides by maintaining and enhancing the native plant communities.*

This can be achieved by:

- retaining remnant vegetation,
- minimising disturbance to existing roadside vegetation,
- minimising disturbance to soil, and
- preventing or controlling the introduction of weeds.

#### 2. *Promote and raise awareness of the conservation value associated with roadside vegetation by:*

- establishing a register of Shire roads important for conservation,
- declaring suitable roadsides as Flora Roads,
- incorporating into tourist, wildflower and/or scenic drives.

#### 3. *Improve roadside sections of medium to low conservation value by:*

- minimising disturbance caused by machinery, adjoining land practices and incidences of fire,
- carrying out a targeted weed control program,
- retaining remnant trees and shrubs,
- allowing natural regeneration,
- spreading local native seed to encourage regeneration, and
- encourage revegetation projects by adjacent landholders.

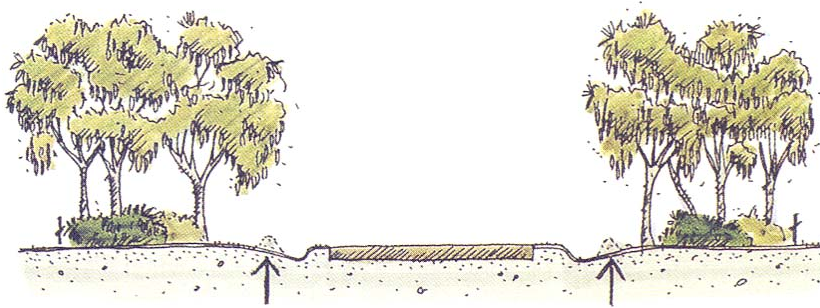


**On-site inspections, consultation and cooperation with stakeholders, such as adjoining land owners; the RCC and Landcare can result in better environmental, social and economic outcomes overall.**

## 4.2 Minimising Disturbance

Minimal disturbance can be achieved by:

- 4.2.1 Adopting a road design that occupies the minimum space;
- 4.2.2 Diverting the line of a table drain to avoid disturbing valuable flora;
- 4.2.3 Pruning branches, rather than removing the whole tree or shrub;
- 4.2.4 Not dumping spoil on areas of native flora;
- 4.2.5 Apply the Fire Threat Assessment (RCC Roadside Manual) before burning roadside vegetation, use methods other than fuel reduction burns to reduce fire threat; if roadside burning must be undertaken, incorporate it into a district fire management program;
- 4.2.6 Encourage adjacent landholders to set back fences to allow roadside vegetation to proliferate;
- 4.2.7 Encourage adjacent landholders to plant windbreaks or farm tree lots adjacent to roadside vegetation to create a denser windbreak or shelterbelt;
- 4.2.8 Encourage revegetation projects by adjacent landholders.

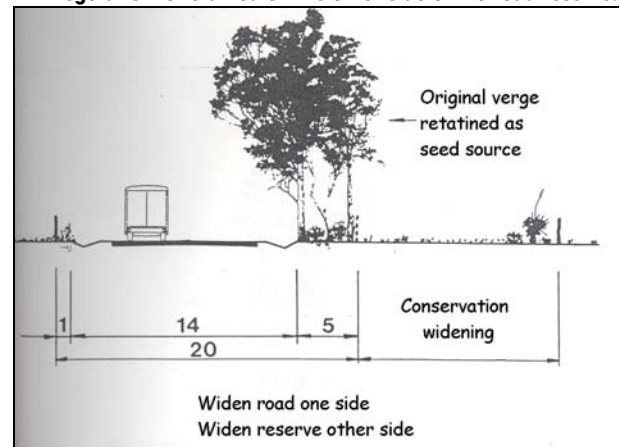


Avoid windrowing drain material into vegetation



Above: a high value road reserve in Tammin. The road was built on adjoining farmland in order to retain the important remnant bushland existing in the road reserve.

Figure 10- (below): Widening a road to one side only. Roadside vegetation is retained on the other side of the road reserve.





## 5.0 Planning for Roadsides

The RCC is able to provide comprehensive models of Roadside Management Plans and encourages all Shires to adopt this practice of planning for roadside conservation.

The following actions greatly enhance likelihood of a plan that changes behaviour and results in on-ground actions:

- Community support- encourage ongoing community involvement and commitment by establishing a local Roadside Advisory Committee or working group within the Shire Environmental Committee;
- Contract specifications- maintain roadside values by developing environmental specifications for inclusion in all tender documents or work practices;
- Community education- use of innovative and pertinent material can increase community understanding of roadside values;
- Training- promote local roadside planning initiatives and gain acceptance and understanding by involving shire staff, contractors, utility provider staff and the community in workshops, seminars or training days. The Roadside Conservation Committee can provide this training.

Training develops recognition and understanding of roadside values and highlights best work practices. Workshops are developed to ensure that local issues and environments are dealt with and they include site visits to high conservation remnants, current projects and works.

## 6.0 Setting Objectives

The objective of all roadside management should be to:

- **Protect**
  - native vegetation
  - rare or threatened flora or fauna
  - cultural and heritage values
  - community assets from fire
- **Maintain**
  - safe function of the road
  - native vegetation communities
  - fauna habitats and corridors
  - visual amenity and landscape qualities
  - water quality
- **Minimise**
  - land degradation
  - spread of weeds and vermin
  - spread of soil borne pathogens
  - risk and impact of fire
  - disturbance during installation and maintenance of service assets
- **Enhance**
  - indigenous vegetation communities
  - fauna habitats and corridors

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# Appendix

## 1



# Appendix

## 2

| Road #  | Section # | From  | To    | Length | Road name           | Dir | Date       | Observer | Reserve Width | Native Vegetation |     | Extent of veg |       | # Species |       | Value as Corridor |       | Adjoining Land use |       | Weeds |       | Conservation Value |       |
|---------|-----------|-------|-------|--------|---------------------|-----|------------|----------|---------------|-------------------|-----|---------------|-------|-----------|-------|-------------------|-------|--------------------|-------|-------|-------|--------------------|-------|
|         |           | (km)  | (km)  |        |                     |     |            |          |               | (km)              | (m) | Left          | Right | Left      | Right | Left              | Right | Left               | Right | Left  | Right | Left               | Right |
| 4150002 | 1         | 0.00  | 1.80  | 1.80   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 1                 | 1   | 1             | 1     | 1         | 1     | 1                 | 1     | 2                  | 2     | 1     | 1     | 7                  | 7     |
| 4150002 | 2         | 1.80  | 2.60  | 0.80   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 2                 | 2     | 2                  | 2     | 1     | 1     | 9                  | 9     |
| 4150002 | 3         | 2.60  | 4.40  | 1.80   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 2                 | 2     | 2                  | 1     | 2     | 2     | 11                 | 10    |
| 4150002 | 4         | 4.40  | 5.50  | 1.10   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 0         | 0     | 2                 | 2     | 2                  | 2     | 2     | 2     | 10                 | 10    |
| 4150002 | 5         | 5.50  | 5.90  | 0.40   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 2                 | 2     | 2                  | 0     | 2     | 2     | 11                 | 9     |
| 4150002 | 6         | 5.90  | 7.30  | 1.40   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 2   | 0             | 0     | 1         | 1     | 2                 | 2     | 2                  | 2     | 0     | 0     | 7                  | 7     |
| 4150002 | 7         | 7.30  | 8.00  | 0.70   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 2   | 0             | 0     | 1         | 1     | 2                 | 2     | 2                  | 2     | 0     | 0     | 7                  | 7     |
| 4150002 | 8         | 8.00  | 11.70 | 3.70   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 0     | 2                 | 1     | 1                  | 2     | 1     | 1     | 9                  | 8     |
| 4150002 | 9         | 11.70 | 12.00 | 0.30   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 2   | 2             | 1     | 1         | 1     | 2                 | 1     | 1                  | 2     | 1     | 1     | 9                  | 8     |
| 4150002 | 10        | 12.00 | 15.30 | 3.30   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 2   | 2             | 1     | 1         | 1     | 2                 | 1     | 1                  | 2     | 1     | 1     | 9                  | 8     |
| 4150002 | 11        | 15.30 | 16.10 | 0.80   | BENCUBBIN GABBIN RD | W   |            | KEVIN    | 20            | 2                 | 1   | 2             | 0     | 1         | 0     | 2                 | 1     | 1                  | 2     | 1     | 0     | 9                  | 4     |
| 4150004 | 1         | 0.00  | 0.50  | 0.50   | WELBUNGIN SOUTH RD  | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 2                 | 2     | 2                  | 2     | 2     | 2     | 11                 | 11    |
| 4150004 | 2         | 0.50  | 7.40  | 6.90   | WELBUNGIN SOUTH RD  | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2   | 0             | 0     | 0         | 0     | 2                 | 2     | 2                  | 2     | 0     | 0     | 6                  | 6     |
| 4150004 | 3         | 7.40  | 8.50  | 1.10   | WELBUNGIN SOUTH RD  | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 2                 | 2     | 2                  | 2     | 2     | 2     | 11                 | 11    |
| 4150004 | 4         | 8.50  | 9.40  | 0.90   | WELBUNGIN SOUTH RD  | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 1                 | 1     | 2                  | 2     | 1     | 1     | 8                  | 8     |
| 4150004 | 5         | 9.40  | 11.00 | 1.60   | WELBUNGIN SOUTH RD  | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 2                 | 2     | 2                  | 2     | 1     | 1     | 9                  | 9     |
| 4150004 | 6         | 11.00 | 14.30 | 3.30   | WELBUNGIN SOUTH RD  | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 1                 | 1     | 2                  | 2     | 1     | 1     | 8                  | 8     |
| 4150004 | 7         | 14.30 | 15.45 | 1.15   | WELBUNGIN SOUTH RD  | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 1   | 1             | 0     | 1         | 1     | 1                 | 1     | 2                  | 2     | 1     | 0     | 8                  | 5     |
| 4150005 | 1         | 0.00  | 4.10  | 4.10   | MANDIGA MARINDO RD  | N   |            | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 2                 | 2     | 2                  | 2     | 0     | 0     | 8                  | 8     |
| 4150005 | 2         | 4.10  | 8.40  | 4.30   | MANDIGA MARINDO RD  | N   |            | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 1                 | 1     | 2                  | 2     | 1     | 1     | 8                  | 8     |
| 4150005 | 3         | 8.40  | 8.90  | 0.50   | MANDIGA MARINDO RD  | N   |            | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 2                 | 2     | 0                  | 2     | 1     | 1     | 7                  | 9     |
| 4150005 | 4         | 8.90  | 11.90 | 3.00   | MANDIGA MARINDO RD  | N   |            | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 1                 | 1     | 2                  | 2     | 1     | 1     | 8                  | 8     |
| 4150005 | 5         | 11.90 | 13.70 | 1.80   | MANDIGA MARINDO RD  | N   |            | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 1                 | 1     | 2                  | 2     | 2     | 2     | 10                 | 10    |
| 4150005 | 6         | 13.70 | 14.60 | 0.90   | MANDIGA MARINDO RD  | N   |            | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 1                 | 1     | 0                  | 2     | 2     | 2     | 8                  | 10    |
| 4150005 | 7         | 14.60 | 17.00 | 2.40   | MANDIGA MARINDO RD  | N   |            | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 0         | 0     | 1                 | 1     | 2                  | 0     | 2     | 2     | 9                  | 7     |
| 4150005 | 8         | 17.00 | 18.20 | 1.20   | MANDIGA MARINDO RD  | N   | 17/10/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 2                 | 1     | 2                  | 2     | 2     | 2     | 11                 | 10    |
| 4150005 | 9         | 18.20 | 22.80 | 4.60   | MANDIGA MARINDO RD  | N   | 17/10/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 1                 | 1     | 2                  | 2     | 2     | 2     | 10                 | 10    |
| 4150005 | 10        | 22.80 | 24.10 | 1.30   | MANDIGA MARINDO RD  | N   | 17/10/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 1                 | 1     | 2                  | 2     | 2     | 2     | 10                 | 10    |
| 4150005 | 11        | 24.10 | 26.60 | 2.50   | MANDIGA MARINDO RD  | N   | 17/10/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 1                 | 1     | 2                  | 2     | 2     | 2     | 10                 | 10    |
| 4150005 | 12        | 26.60 | 28.40 | 1.80   | MANDIGA MARINDO RD  | N   | 17/10/2003 | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 1                 | 1     | 2                  | 2     | 2     | 2     | 9                  | 9     |
| 4150005 | 13        | 28.40 | 30.20 | 1.80   | MANDIGA MARINDO RD  | N   | 17/10/2003 | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 1         | 1     | 1                 | 1     | 2                  | 2     | 2     | 2     | 9                  | 9     |
| 4150005 | 14        | 30.20 | 31.00 | 0.80   | MANDIGA MARINDO RD  | N   | 17/10/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 1                 | 1     | 2                  | 0     | 2     | 2     | 10                 | 8     |
| 4150005 | 15        | 31.00 | 40.48 | 9.48   | MANDIGA MARINDO RD  | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2   | 1             | 1     | 0         | 0     | 1                 | 1     | 2                  | 2     | 2     | 2     | 8                  | 8     |
| 4150006 | 1         | 0.00  | 3.90  | 3.90   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 2                 | 2     | 2                  | 2     | 2     | 2     | 11                 | 11    |
| 4150006 | 2         | 3.90  | 5.90  | 2.00   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 2                 | 2     | 2                  | 2     | 2     | 2     | 11                 | 11    |
| 4150006 | 3         | 5.90  | 6.50  | 0.60   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 20            | 2                 | 2   | 2             | 2     | 1         | 1     | 1                 | 1     | 2                  | 2     | 2     | 2     | 10                 | 10    |
| 4150006 | 4         | 6.50  | 7.30  | 0.80   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 20            | 1                 | 1   | 2             | 2     | 1         | 1     | 2                 | 2     | 2                  | 2     | 2     | 2     | 10                 | 10    |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name           | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |   | Weeds |    | Conservation Value |  |
|---------|-----------|-------|-------|--------|---------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|-----------|---|-------------------|---|--------------------|---|---|-------|----|--------------------|--|
| 4150006 | 5         | 7.30  | 9.20  | 1.90   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150006 | 6         | 9.20  | 11.60 | 2.40   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150006 | 7         | 11.60 | 14.20 | 2.60   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 0                  | 0 | 2 | 2     | 8  | 8                  |  |
| 4150006 | 8         | 14.20 | 15.00 | 0.80   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 0                 | 0 | 2                  | 2 | 2 | 2     | 9  | 9                  |  |
| 4150006 | 9         | 15.00 | 16.90 | 1.90   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150006 | 10        | 16.90 | 17.10 | 0.20   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150006 | 11        | 17.10 | 19.00 | 1.90   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150006 | 12        | 19.00 | 20.70 | 1.70   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 0                  | 2 | 2 | 2     | 8  | 10                 |  |
| 4150006 | 13        | 20.70 | 22.60 | 1.90   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150006 | 14        | 22.60 | 30.98 | 8.38   | INGLETON RD         | N   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 2         | 2 | 2                 | 1 | 2                  | 2 | 2 | 2     | 12 | 11                 |  |
| 4150007 | 1         | 0.00  | 4.70  | 4.70   | WELBUNGIN WIALKI RD | W   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1 | 1     | 9  | 9                  |  |
| 4150007 | 2         | 4.70  | 9.80  | 5.10   | WELBUNGIN WIALKI RD | W   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150007 | 3         | 9.80  | 11.80 | 2.00   | WELBUNGIN WIALKI RD | SW  | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 0 | 2 | 2     | 10 | 8                  |  |
| 4150007 | 4         | 11.80 | 19.70 | 7.90   | WELBUNGIN WIALKI RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150007 | 5         | 19.70 | 20.20 | 0.50   | WELBUNGIN WIALKI RD | S   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150007 | 6         | 20.20 | 20.70 | 0.50   | WELBUNGIN WIALKI RD | S   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 0 | 2 | 2     | 11 | 9                  |  |
| 4150007 | 7         | 20.70 | 21.30 | 0.60   | WELBUNGIN WIALKI RD | S   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 0 | 2 | 2     | 10 | 8                  |  |
| 4150007 | 8         | 21.30 | 22.20 | 0.90   | WELBUNGIN WIALKI RD | S   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 0                  | 2 | 1 | 1     | 7  | 9                  |  |
| 4150007 | 9         | 22.20 | 25.00 | 2.80   | WELBUNGIN WIALKI RD | S   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 0 | 0     | 8  | 8                  |  |
| 4150007 | 10        | 25.00 | 27.10 | 2.10   | WELBUNGIN WIALKI RD | S   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 0         | 2 | 2                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150007 | 11        | 27.10 | 28.10 | 1.00   | WELBUNGIN WIALKI RD | S   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1 | 1     | 9  | 9                  |  |
| 4150007 | 12        | 28.10 | 28.70 | 0.60   | WELBUNGIN WIALKI RD | S   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150007 | 13        | 28.70 | 32.50 | 3.80   | WELBUNGIN WIALKI RD | S   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1 | 1     | 9  | 9                  |  |
| 4150007 | 14        | 32.50 | 38.50 | 6.00   | WELBUNGIN WIALKI RD | S   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 0 | 0     | 8  | 8                  |  |
| 4150007 | 15        | 38.50 | 39.50 | 1.00   | WELBUNGIN WIALKI RD | S   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 0                  | 2 | 1 | 1     | 7  | 9                  |  |
| 4150007 | 16        | 39.50 | 40.80 | 1.30   | WELBUNGIN WIALKI RD | S   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 8  | 8                  |  |
| 4150007 | 17        | 40.80 | 41.64 | 0.84   | WELBUNGIN WIALKI RD | S   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 0                  | 0 | 2 | 2     | 8  | 8                  |  |
| 4150008 | 1         | 0.00  | 3.15  | 3.15   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 1         | 2 | 2                 | 2 | 0                  | 1 | 2 | 8     | 8  |                    |  |
| 4150008 | 2         | 3.15  | 4.47  | 1.32   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 9  | 9                  |  |
| 4150008 | 3         | 4.47  | 5.50  | 1.03   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 0 | 2 | 2     | 9  | 8                  |  |
| 4150008 | 4         | 5.50  | 6.28  | 0.78   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 1                 | 1 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 2     | 8  | 9                  |  |
| 4150008 | 5         | 6.28  | 6.92  | 0.64   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 0 | 2 | 2     | 9  | 7                  |  |
| 4150008 | 6         | 6.92  | 9.06  | 2.14   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 0 | 0         | 2 | 1                 | 2 | 2                  | 1 | 1 | 7     | 6  |                    |  |
| 4150008 | 7         | 9.06  | 16.33 | 7.27   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 9  | 9                  |  |
| 4150008 | 8         | 16.33 | 19.33 | 3.00   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 0 | 0     | 7  | 7                  |  |
| 4150008 | 9         | 19.33 | 22.33 | 3.00   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1 | 1     | 8  | 8                  |  |
| 4150008 | 10        | 22.33 | 24.18 | 1.85   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 0 | 2 | 2     | 9  | 7                  |  |
| 4150008 | 11        | 24.18 | 30.13 | 5.95   | CLEARY GABBIN RD    | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 9  | 9                  |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name        | Dir | Date       | Observer          | Reserve Width | Native Vegetation |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   | Weeds |   | Conservation Value |    |
|---------|-----------|-------|-------|--------|------------------|-----|------------|-------------------|---------------|-------------------|---|---------------|---|-----------|---|-------------------|---|--------------------|---|-------|---|--------------------|----|
| 4150008 | 12        | 30.13 | 36.85 | 6.72   | CLEARY GABBIN RD | N   | 12/10/2003 | KEVIN             | 20            | 2                 | 2 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1     | 1 | 8                  | 8  |
| 4150008 | 13        | 36.85 | 41.53 | 4.68   | CLEARY GABBIN RD | N   | 12/10/2003 | KEVIN             | 20            | 2                 | 2 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1     | 1 | 8                  | 8  |
| 4150008 | 14        | 41.53 | 45.18 | 3.65   | CLEARY GABBIN RD | N   | 12/10/2003 | KEVIN             | 20            | 2                 | 2 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 9                  | 9  |
| 4150009 | 1         | 0.00  | 1.70  | 1.70   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150009 | 2         | 1.70  | 4.70  | 3.00   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 1     | 1 | 8                  | 9  |
| 4150009 | 3         | 4.70  | 5.20  | 0.50   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1     | 1 | 9                  | 9  |
| 4150009 | 4         | 5.20  | 6.50  | 1.30   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150009 | 5         | 6.50  | 8.60  | 2.10   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150009 | 6         | 8.60  | 10.20 | 1.60   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 0                 | 0 | 0             | 0 | 1         | 1 | 1                 | 2 | 2                  | 2 | 1     | 1 | 5                  | 6  |
| 4150009 | 7         | 10.20 | 12.30 | 2.10   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150009 | 8         | 12.30 | 12.90 | 0.60   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150009 | 9         | 12.90 | 16.60 | 3.70   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150009 | 10        | 16.60 | 18.10 | 1.50   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150009 | 11        | 18.10 | 21.00 | 2.90   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150009 | 12        | 21.00 | 22.60 | 1.60   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150009 | 13        | 22.60 | 23.90 | 1.30   | BIMBIJY RD       | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2     | 2 | 11                 | 11 |

A survey of the roadside conservation values in the Shire of Mt Marshall



| Road #  | Section # | From  | To    | Length | Road name    | Dir | Date       | Observer          | Reserve Width | Native Vegetation |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   | Weeds |   | Conservation Value |    |
|---------|-----------|-------|-------|--------|--------------|-----|------------|-------------------|---------------|-------------------|---|---------------|---|-----------|---|-------------------|---|--------------------|---|-------|---|--------------------|----|
| 4150009 | 14        | 23.90 | 25.20 | 1.30   | BIMBIJY RD   | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 2                 | 1 | 0                  | 2 | 2     | 2 | 10                 | 11 |
| 4150009 | 15        | 25.20 | 32.20 | 7.00   | BIMBIJY RD   | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 0 | 2     | 2 | 11                 | 9  |
| 4150009 | 16        | 32.20 | 36.10 | 3.90   | BIMBIJY RD   | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 2                 | 1 | 2                  | 0 | 2     | 2 | 12                 | 9  |
| 4150009 | 17        | 36.10 | 96.43 | 60.33  | BIMBIJY RD   | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 2                 | 2 | 0                  | 0 | 2     | 2 | 10                 | 10 |
| 4150010 | 1         | 0.00  | 2.90  | 2.90   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150010 | 2         | 2.90  | 3.40  | 0.50   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1     | 1 | 9                  | 9  |
| 4150010 | 3         | 3.40  | 6.00  | 2.60   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150010 | 4         | 6.00  | 7.20  | 1.20   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 0                  | 0 | 2     | 2 | 8                  | 8  |
| 4150010 | 5         | 7.20  | 8.90  | 1.70   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150010 | 6         | 8.90  | 12.00 | 3.10   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150010 | 7         | 12.00 | 16.30 | 4.30   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1     | 1 | 9                  | 8  |
| 4150010 | 8         | 16.30 | 18.20 | 1.90   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150010 | 9         | 18.20 | 20.60 | 2.40   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150010 | 10        | 20.60 | 21.80 | 1.20   | MOUROUBRA RD | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name      | Dir | Date       | Observer          | Reserve Width | Native Vegetation |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   | Weeds |   | Conservation Value |    |
|---------|-----------|-------|-------|--------|----------------|-----|------------|-------------------|---------------|-------------------|---|---------------|---|-----------|---|-------------------|---|--------------------|---|-------|---|--------------------|----|
| 4150010 | 11        | 21.80 | 24.20 | 2.40   | MOUROUBRA RD   | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 1 | 2                  | 2 | 2     | 2 | 11                 | 10 |
| 4150010 | 12        | 24.20 | 26.10 | 1.90   | MOUROUBRA RD   | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150010 | 13        | 26.10 | 27.50 | 1.40   | MOUROUBRA RD   | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 0         | 0 | 1                 | 1 | 2                  | 0 | 2     | 2 | 9                  | 7  |
| 4150010 | 14        | 27.50 | 95.25 | 67.75  | MOUROUBRA RD   | N   | 17/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 0                  | 0 | 2     | 2 | 8                  | 8  |
| 4150011 | 1         | 0.00  | 1.70  | 1.70   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150011 | 2         | 1.70  | 5.20  | 3.50   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 0     | 0 | 7                  | 7  |
| 4150011 | 3         | 5.20  | 6.80  | 1.60   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150011 | 4         | 6.80  | 9.10  | 2.30   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1     | 1 | 9                  | 9  |
| 4150011 | 5         | 9.10  | 9.70  | 0.60   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1     | 1 | 9                  | 9  |
| 4150011 | 6         | 9.70  | 13.60 | 3.90   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150011 | 7         | 13.60 | 15.10 | 1.50   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150011 | 8         | 15.10 | 15.90 | 0.80   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 1                 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 0     | 0 | 6                  | 6  |
| 4150011 | 9         | 15.90 | 18.20 | 2.30   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150011 | 10        | 18.20 | 18.80 | 0.60   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 1                 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1     | 1 | 7                  | 7  |
| 4150011 | 11        | 18.80 | 19.30 | 0.50   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150011 | 12        | 19.30 | 22.90 | 3.60   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150011 | 13        | 22.90 | 24.00 | 1.10   | BEACON ROCK RD | N   | 10/03/2004 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150011 | 14        | 24.00 | 27.40 | 3.40   | BEACON ROCK RD | N   |            | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150011 | 15        | 27.40 | 30.60 | 3.20   | BEACON ROCK RD | N   |            | KEVIN             | 20            | 2                 | 2 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1     | 1 | 9                  | 9  |
| 4150011 | 16        | 30.60 | 37.70 | 7.10   | BEACON ROCK RD | N   |            | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150011 | 17        | 37.70 | 38.96 | 1.26   | BEACON ROCK RD | N   |            | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 1 | 2                  | 2 | 2     | 2 | 11                 | 10 |
| 4150012 | 1         | 0.00  | 3.00  | 3.00   | CLARK RD       | N   | 10/11/2003 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150012 | 2         | 3.00  | 8.00  | 5.00   | CLARK RD       | N   | 10/11/2003 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150012 | 3         | 8.00  | 10.00 | 2.00   | CLARK RD       | N   | 10/11/2003 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150012 | 4         | 10.00 | 13.80 | 3.80   | CLARK RD       | N   | 10/11/2003 | KEVIN             | 40            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150012 | 5         | 13.80 | 14.60 | 0.80   | CLARK RD       | N   | 10/11/2003 | KEVIN             | 40            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150012 | 6         | 14.60 | 25.77 | 11.17  | CLARK RD       | N   | 10/11/2003 | KEVIN             | 40            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150013 | 1         | 0.00  | 3.30  | 3.30   | DALGOURING RD  | N   | 13/11/2003 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150013 | 2         | 3.30  | 4.30  | 1.00   | DALGOURING RD  | N   | 13/11/2003 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150013 | 3         | 4.30  | 5.90  | 1.60   | DALGOURING RD  | N   | 13/11/2003 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150013 | 4         | 5.90  | 14.30 | 8.40   | DALGOURING RD  | N   | 13/11/2003 | KEVIN             | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name               | Dir | Date       | Observer          | Reserve Width | Native Vegetation |   |   | Extent of veg |   |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |   | Weeds |    | Conservation Value |  |
|---------|-----------|-------|-------|--------|-------------------------|-----|------------|-------------------|---------------|-------------------|---|---|---------------|---|---|-----------|---|-------------------|---|--------------------|---|---|-------|----|--------------------|--|
| 4150013 | 5         | 14.30 | 15.20 | 0.90   | DALGOURING RD           | N   | 13/11/2003 | KEVIN             | 40            | 1                 | 1 | 1 | 1             | 1 | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 8  | 8                  |  |
| 4150013 | 6         | 15.20 | 18.30 | 3.10   | DALGOURING RD           | N   | 13/11/2003 | KEVIN             | 20            | 2                 | 2 | 2 | 2             | 2 | 2 | 2         | 1 | 1                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150013 | 7         | 18.30 | 22.10 | 3.80   | DALGOURING RD           | N   | 13/11/2003 | KEVIN             | 20            | 2                 | 2 | 2 | 2             | 2 | 2 | 2         | 1 | 1                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150013 | 8         | 22.10 | 27.17 | 5.07   | DALGOURING RD           | N   | 13/11/2003 | KEVIN             | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150015 | 1         | 0.00  | 0.50  | 0.50   | LONGMUIR RD             | E   |            | KEVIN             | 20            | 2                 | 2 | 2 | 2             | 2 | 0 | 0         | 1 | 1                 | 2 | 2                  | 2 | 2 | 9     | 9  |                    |  |
| 4150015 | 2         | 0.50  | 1.60  | 1.10   | LONGMUIR RD             | E   |            | KEVIN             | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150015 | 3         | 1.60  | 3.70  | 2.10   | LONGMUIR RD             | E   |            | KEVIN             | 20            | 1                 | 1 | 2 | 2             | 1 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 9     | 9  |                    |  |
| 4150015 | 4         | 3.70  | 5.17  | 1.47   | LONGMUIR RD             | E   |            | KEVIN             | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150016 | 1         | 0.00  | 3.20  | 3.20   | BEACON ROCK RD          | E   | 13/11/2003 | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 1 | 2                  | 2 | 2 | 10    | 11 |                    |  |
| 4150016 | 2         | 3.20  | 3.40  | 0.20   | BEACON ROCK RD          | E   | 13/11/2003 | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150016 | 3         | 3.40  | 5.50  | 2.10   | BEACON ROCK RD          | E   | 13/11/2003 | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150016 | 4         | 5.50  | 10.70 | 5.20   | BEACON ROCK RD          | E   | 13/11/2003 | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 1 | 1     | 10 | 10                 |  |
| 4150016 | 5         | 10.70 | 13.80 | 3.10   | BEACON ROCK RD          | E   | 13/11/2003 | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150016 | 6         | 13.80 | 15.80 | 2.00   | BEACON ROCK RD          | E   | 13/11/2003 | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150016 | 7         | 15.80 | 18.10 | 2.30   | BEACON ROCK RD          | E   | 13/11/2003 | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150016 | 8         | 18.10 | 18.70 | 0.60   | BEACON ROCK RD          | E   |            | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150016 | 9         | 18.70 | 21.80 | 3.10   | BEACON ROCK RD          | E   |            | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150016 | 10        | 21.80 | 22.60 | 0.80   | BEACON ROCK RD          | E   |            | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 2                 | 2 | 0                  | 2 | 2 | 10    | 9  |                    |  |
| 4150016 | 11        | 22.60 | 25.40 | 2.80   | BEACON ROCK RD          | E   |            | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150016 | 12        | 25.40 | 26.45 | 1.05   | BEACON ROCK RD          | E   |            | KEVIN             | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 0 | 0                  | 2 | 2 | 8     | 8  |                    |  |
| 4150017 | 1         | 0.00  | 3.00  | 3.00   | BENCUBBIN KUNUNOPPIN RD | E   | 20/09/2003 | KEVIN             | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150017 | 2         | 3.00  | 4.60  | 1.60   | BENCUBBIN KUNUNOPPIN RD | E   | 20/09/2003 | KEVIN             | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 10    | 11 |                    |  |
| 4150017 | 3         | 4.60  | 5.60  | 1.00   | BENCUBBIN KUNUNOPPIN RD | S   | 20/09/2003 | KEVIN             | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 2                 | 1 | 0                  | 1 | 1 | 8     | 7  |                    |  |
| 4150017 | 4         | 5.60  | 6.20  | 0.60   | BENCUBBIN KUNUNOPPIN RD | S   | 20/09/2003 | KEVIN             | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150017 | 5         | 6.20  | 6.50  | 0.30   | BENCUBBIN KUNUNOPPIN RD | S   | 20/09/2003 | KEVIN             | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 0                  | 1 | 1 | 8     | 7  |                    |  |
| 4150017 | 6         | 6.50  | 8.30  | 1.80   | BENCUBBIN KUNUNOPPIN RD | S   | 20/09/2003 | KEVIN             | 20            | 2                 | 2 | 1 | 0             | 1 | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 8  |                    |  |
| 4150017 | 7         | 8.30  | 10.50 | 2.20   | BENCUBBIN KUNUNOPPIN RD | S   | 20/09/2003 | KEVIN             | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 2                 | 1 | 2                  | 1 | 1 | 8     | 9  |                    |  |
| 4150017 | 8         | 10.50 | 12.00 | 1.50   | BENCUBBIN KUNUNOPPIN RD | S   | 20/09/2003 | KEVIN             | 20            | 2                 | 2 | 0 | 0             | 1 | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150017 | 9         | 12.00 | 13.10 | 1.10   | BENCUBBIN KUNUNOPPIN RD | S   | 20/09/2003 | KEVIN             | 20            | 1                 | 1 | 0 | 0             | 0 | 0 | 0         | 1 | 1                 | 2 | 2                  | 0 | 0 | 4     | 4  |                    |  |
| 4150017 | 10        | 13.10 | 14.24 | 1.14   | BENCUBBIN KUNUNOPPIN RD | S   | 20/09/2003 | KEVIN             | 20            | 2                 | 2 | 1 | 0             | 1 | 0 | 2         | 0 | 2                 | 2 | 0                  | 0 | 8 | 4     |    |                    |  |
| 4150018 | 1         | 0.00  | 7.58  | 7.58   | GOBBART RD              | S   | 12/10/2003 | K TRUSTUM GOBBART | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150019 | 1         | 0.00  | 0.90  | 0.90   | GILLETT RD              | NW  |            | KEVIN             | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 0 | 0                  | 2 | 2 | 9     | 9  |                    |  |
| 4150019 | 2         | 0.90  | 2.40  | 1.50   | GILLETT RD              | N   |            | KEVIN             | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150019 | 3         | 2.40  | 4.80  | 2.40   | GILLETT RD              | N   |            | KEVIN             | 20            | 2                 | 2 | 1 | 1             | 0 | 0 | 1         | 1 | 2                 | 2 | 1                  | 1 | 7 | 7     |    |                    |  |
| 4150019 | 4         | 4.80  | 12.70 | 7.90   | GILLETT RD              | N   |            | KEVIN             | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150019 | 5         | 12.70 | 14.50 | 1.80   | GILLETT RD              | N   |            | KEVIN             | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 1                 | 2 | 0                  | 1 | 1 | 8     | 6  |                    |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name   | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |   | Weeds |    | Conservation Value |  |
|---------|-----------|-------|-------|--------|-------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|-----------|---|-------------------|---|--------------------|---|---|-------|----|--------------------|--|
| 4150019 | 6         | 14.50 | 16.40 | 1.90   | GILLETT RD  | N   |            | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 2 | 1                 | 2 | 2                  | 0 | 0 | 7     | 6  |                    |  |
| 4150019 | 7         | 16.40 | 20.10 | 3.70   | GILLETT RD  | N   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0 | 8     | 8  |                    |  |
| 4150019 | 8         | 20.10 | 21.50 | 1.40   | GILLETT RD  | N   |            | KEVIN    | 20            | 2                 | 2 | 0 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0 | 7     | 8  |                    |  |
| 4150019 | 9         | 21.50 | 25.00 | 3.50   | GILLETT RD  | N   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150019 | 10        | 25.00 | 25.80 | 0.80   | GILLETT RD  | N   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 0                  | 1 | 1 | 9     | 7  |                    |  |
| 4150019 | 11        | 25.80 | 27.20 | 1.40   | GILLETT RD  | N   | 18/09/2003 | KEVIN    | 20            | 2                 | 1 | 0 | 0             | 0 | 1         | 2 | 1                 | 2 | 2                  | 1 | 0 | 7     | 5  |                    |  |
| 4150019 | 12        | 27.20 | 28.00 | 0.80   | GILLETT RD  | N   | 18/09/2003 | KEVIN    | 20            | 2                 | 1 | 0 | 0             | 1 | 0         | 2 | 0                 | 0 | 2                  | 0 | 0 | 5     | 3  |                    |  |
| 4150019 | 13        | 28.00 | 29.90 | 1.90   | GILLETT RD  | N   | 18/09/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 1 | 2                 | 2 | 2                  | 1 | 1 | 7     | 8  |                    |  |
| 4150019 | 14        | 29.90 | 31.10 | 1.20   | GILLETT RD  | N   |            | KEVIN    | 40            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150019 | 15        | 31.10 | 38.10 | 7.00   | GILLETT RD  | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150019 | 16        | 38.10 | 39.00 | 0.90   | GILLETT RD  | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 0                  | 2 | 2 | 10    | 8  |                    |  |
| 4150019 | 17        | 39.00 | 39.40 | 0.40   | GILLETT RD  | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 0 | 0                  | 2 | 2 | 8     | 8  |                    |  |
| 4150019 | 18        | 39.40 | 40.60 | 1.20   | GILLETT RD  | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150019 | 19        | 40.60 | 41.50 | 0.90   | GILLETT RD  | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150019 | 20        | 41.50 | 44.45 | 2.95   | GILLETT RD  | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150020 | 1         | 0.00  | 8.70  | 8.70   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150020 | 2         | 8.70  | 12.70 | 4.00   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150020 | 3         | 12.70 | 16.10 | 3.40   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150020 | 4         | 16.10 | 20.50 | 4.40   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150020 | 5         | 20.50 | 29.20 | 8.70   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150020 | 6         | 29.20 | 31.10 | 1.90   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 2                 | 2 | 0                  | 2 | 2 | 10    | 9  |                    |  |
| 4150020 | 7         | 31.10 | 33.80 | 2.70   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 9     | 10 |                    |  |
| 4150020 | 8         | 33.80 | 38.80 | 5.00   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150020 | 9         | 38.80 | 40.60 | 1.80   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150020 | 10        | 40.60 | 41.70 | 1.10   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150020 | 11        | 41.70 | 44.70 | 3.00   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150020 | 12        | 44.70 | 46.90 | 2.20   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 1                 | 0 | 2                  | 2 | 2 | 9     | 10 |                    |  |
| 4150020 | 13        | 46.90 | 48.50 | 1.60   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150020 | 14        | 48.50 | 53.63 | 5.13   | SCOTSMAN RD | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150021 | 1         | 0.00  | 3.41  | 3.41   | HISCOX RD   | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150021 | 2         | 3.41  | 6.42  | 3.01   | HISCOX RD   | N   | 12/10/2003 | KEVIN    | 20            | 1                 | 1 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 7     | 7  |                    |  |
| 4150021 | 3         | 6.42  | 7.36  | 0.94   | HISCOX RD   | N   | 12/10/2003 | KEVIN    | 20            | 0                 | 0 | 0 | 0             | 0 | 0         | 1 | 1                 | 2 | 2                  | 0 | 0 | 3     | 3  |                    |  |
| 4150021 | 4         | 7.36  | 11.06 | 3.70   | HISCOX RD   | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150021 | 5         | 11.06 | 12.56 | 1.50   | HISCOX RD   | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150021 | 6         | 12.56 | 14.98 | 2.42   | HISCOX RD   | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150021 | 7         | 14.98 | 18.31 | 3.33   | HISCOX RD   | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150021 | 8         | 18.31 | 22.42 | 4.11   | HISCOX RD   | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150021 | 9         | 22.42 | 23.11 | 0.69   | HISCOX RD   | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 2 | 9     | 10 |                    |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name                | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |   | Weeds |    | Conservation Value |  |
|---------|-----------|-------|-------|--------|--------------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|---|-----------|---|-------------------|---|--------------------|---|---|-------|----|--------------------|--|
| 4150021 | 10        | 23.11 | 26.21 | 3.10   | HISCOX RD                | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150021 | 11        | 26.21 | 30.31 | 4.10   | HISCOX RD                | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 0 | 0         | 1 | 1                 | 2 | 2                  | 2 | 2 | 9     | 9  |                    |  |
| 4150021 | 12        | 30.31 | 33.55 | 3.24   | HISCOX RD                | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150022 | 1         | 1.50  | 2.50  | 1.00   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150022 | 2         | 2.50  | 3.60  | 1.10   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 10    | 11 |                    |  |
| 4150022 | 3         | 3.60  | 6.50  | 2.90   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150022 | 4         | 6.50  | 12.00 | 5.50   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 1                 | 2 | 2                  | 2 | 2 | 11    | 10 |                    |  |
| 4150022 | 5         | 12.00 | 13.00 | 1.00   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150022 | 6         | 13.00 | 16.00 | 3.00   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150022 | 7         | 16.00 | 19.20 | 3.20   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 1                 | 1 | 0 | 0             | 0 | 0 | 1         | 1 | 2                 | 2 | 0                  | 0 | 4 | 4     |    |                    |  |
| 4150022 | 8         | 19.20 | 22.30 | 3.10   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 0 | 0         | 1 | 1                 | 2 | 2                  | 2 | 2 | 9     | 9  |                    |  |
| 4150022 | 9         | 22.30 | 24.10 | 1.80   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 0 | 0 | 1         | 1 | 2                 | 2 | 0                  | 0 | 5 | 5     |    |                    |  |
| 4150022 | 10        | 24.10 | 26.00 | 1.90   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 0 | 1         | 0 | 2                 | 2 | 1                  | 1 | 7 | 6     |    |                    |  |
| 4150022 | 11        | 26.00 | 27.00 | 1.00   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 1                 | 2 | 1 | 1             | 0 | 0 | 1         | 1 | 0                 | 0 | 0                  | 0 | 3 | 4     |    |                    |  |
| 4150022 | 12        | 27.00 | 28.00 | 1.00   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150022 | 13        | 28.00 | 31.14 | 3.14   | ANDREWS TANK RD          | W   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 9 | 9     |    |                    |  |
| 4150023 | 1         | 0.00  | 6.50  | 6.50   | LUCKMAN RD               | E   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 2                 | 2 | 1                  | 1 | 9 | 9     |    |                    |  |
| 4150023 | 2         | 6.50  | 12.80 | 6.30   | LUCKMAN RD               | E   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150024 | 1         | 0.00  | 0.70  | 0.70   | BELL RD                  | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 9 | 9     |    |                    |  |
| 4150024 | 2         | 0.70  | 1.40  | 0.70   | BELL RD                  | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 0 | 0 | 0         | 0 | 2                 | 2 | 1                  | 1 | 5 | 5     |    |                    |  |
| 4150024 | 3         | 1.40  | 8.81  | 7.41   | BELL RD                  | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1 | 1         | 2 | 2                 | 2 | 1                  | 1 | 7 | 8     |    |                    |  |
| 4150025 | 1         | 0.00  | 3.10  | 3.10   | BOUNDARY RD              | NE  | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8 | 8     |    |                    |  |
| 4150025 | 2         | 3.10  | 7.70  | 4.60   | BOUNDARY RD              | N   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150025 | 3         | 7.70  | 10.65 | 2.95   | BOUNDARY RD              | N   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150025 | 4         | 10.65 | 12.70 | 2.05   | BOUNDARY RD              | N   | 13/10/2003 | KEVIN    | 40            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 9 | 9     |    |                    |  |
| 4150025 | 5         | 12.70 | 16.20 | 3.50   | BOUNDARY RD              | N   | 13/10/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 0                  | 2 | 2 | 11    | 9  |                    |  |
| 4150025 | 6         | 16.20 | 25.36 | 9.16   | BOUNDARY RD              | N   | 13/10/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150025 | 7         | 25.36 | 27.10 | 1.74   | BOUNDARY RD              | N   | 13/10/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150025 | 8         | 27.10 | 36.55 | 9.45   | BOUNDARY RD              | N   | 13/10/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150026 | 1         | 0.00  | 1.40  | 1.40   | MANDIGA RD               | S   |            | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1 | 1         | 2 | 2                 | 0 | 1                  | 2 | 7 | 7     |    |                    |  |
| 4150026 | 2         | 1.40  | 4.10  | 2.70   | MANDIGA RD               | S   |            | KEVIN    | 20            | 2                 | 1 | 0 | 0             | 0 | 0 | 1         | 0 | 2                 | 2 | 2                  | 2 | 7 | 5     |    |                    |  |
| 4150027 | 1         | 0.00  | 0.50  | 0.50   | PAULEY RD                | N   |            | KEVIN    | 20            | 1                 | 1 | 0 | 0             | 0 | 0 | 0         | 0 | 2                 | 2 | 0                  | 0 | 3 | 3     |    |                    |  |
| 4150027 | 2         | 0.50  | 1.80  | 1.30   | PAULEY RD                | N   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 0 | 1         | 1 | 0                 | 0 | 1                  | 1 | 5 | 5     |    |                    |  |
| 4150027 | 3         | 1.80  | 1.90  | 0.10   | PAULEY RD                | N   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150027 | 4         | 1.90  | 7.00  | 5.10   | PAULEY RD                | N   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 2                 | 2 | 1                  | 1 | 8 | 9     |    |                    |  |
| 4150028 | 1         | 0.00  | 1.00  | 1.00   | DALGOURING SNAKE SOAK RD | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150028 | 2         | 1.00  | 3.70  | 2.70   | DALGOURING SNAKE SOAK RD | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name                | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |   | Weeds |    | Conservation Value |  |
|---------|-----------|-------|-------|--------|--------------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|-----------|---|-------------------|---|--------------------|---|---|-------|----|--------------------|--|
| 4150028 | 3         | 3.70  | 4.20  | 0.50   | DALGOURING SNAKE SOAK RD | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 0                  | 2 | 2 | 2     | 8  | 10                 |  |
| 4150028 | 4         | 4.20  | 4.90  | 0.70   | DALGOURING SNAKE SOAK RD | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150028 | 5         | 4.90  | 5.40  | 0.50   | DALGOURING SNAKE SOAK RD | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 0 | 2 | 2     | 10 | 8                  |  |
| 4150028 | 6         | 5.40  | 12.70 | 7.30   | DALGOURING SNAKE SOAK RD | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 0 | 0         | 2 | 1                 | 2 | 2                  | 2 | 2 | 10    | 9  |                    |  |
| 4150028 | 7         | 12.70 | 14.12 | 1.42   | DALGOURING SNAKE SOAK RD | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 2                 | 2 | 0                  | 2 | 2 | 10    | 9  |                    |  |
| 4150029 | 1         | 0.00  | 5.10  | 5.10   | LANCASTER RD             | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150029 | 2         | 5.10  | 9.90  | 4.80   | LANCASTER RD             | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150029 | 3         | 9.90  | 11.60 | 1.70   | LANCASTER RD             | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 0 | 2                  | 2 | 2 | 9     | 11 |                    |  |
| 4150029 | 4         | 11.60 | 13.30 | 1.70   | LANCASTER RD             | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150029 | 5         | 13.30 | 16.18 | 2.88   | LANCASTER RD             | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 0                  | 2 | 2 | 10    | 8  |                    |  |
| 4150030 | 1         | 0.00  | 5.40  | 5.40   | COLLINS RD               | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150030 | 2         | 5.40  | 8.00  | 2.60   | COLLINS RD               | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150030 | 3         | 8.00  | 10.59 | 2.59   | COLLINS RD               | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150031 | 1         | 0.00  | 1.00  | 1.00   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150031 | 2         | 1.00  | 1.80  | 0.80   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 0                  | 2 | 2 | 11    | 9  |                    |  |
| 4150031 | 3         | 1.80  | 4.10  | 2.30   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150031 | 4         | 4.10  | 4.50  | 0.40   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 0         | 1 | 1                 | 2 | 1                  | 2 | 2 | 8     | 7  |                    |  |
| 4150031 | 5         | 4.50  | 5.30  | 0.80   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 1                 | 1 | 2 | 2             | 0 | 0         | 0 | 0                 | 1 | 1                  | 2 | 2 | 6     | 6  |                    |  |
| 4150031 | 6         | 5.30  | 5.90  | 0.60   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 1                  | 2 | 2 | 10    | 9  |                    |  |
| 4150031 | 7         | 5.90  | 9.80  | 3.90   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150031 | 8         | 9.80  | 12.50 | 2.70   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 7     | 8  |                    |  |
| 4150031 | 9         | 12.50 | 13.00 | 0.50   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 1                 | 1 | 0 | 0             | 0 | 0         | 1 | 1                 | 2 | 2                  | 1 | 0 | 5     | 4  |                    |  |
| 4150031 | 10        | 13.00 | 17.20 | 4.20   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150031 | 11        | 17.20 | 19.10 | 1.90   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 0 | 0                  | 2 | 2 | 9     | 9  |                    |  |
| 4150031 | 12        | 19.10 | 19.51 | 0.41   | WREN RD                  | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150032 | 1         | 0.00  | 2.50  | 2.50   | JONES RD                 | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150032 | 2         | 2.50  | 2.80  | 0.30   | JONES RD                 | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 0 | 0                  | 1 | 2 | 7     | 8  |                    |  |
| 4150032 | 3         | 2.80  | 3.50  | 0.70   | JONES RD                 | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 1                  | 2 | 2 | 10    | 9  |                    |  |
| 4150032 | 4         | 3.50  | 4.90  | 1.40   | JONES RD                 | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150032 | 5         | 4.90  | 5.50  | 0.60   | JONES RD                 | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 0 | 2                  | 2 | 2 | 8     | 10 |                    |  |
| 4150032 | 6         | 5.50  | 5.90  | 0.40   | JONES RD                 | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 0 | 0         | 2 | 2                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150032 | 7         | 5.90  | 7.90  | 2.00   | JONES RD                 | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 1 | 1 | 1             | 1 | 0         | 2 | 1                 | 2 | 2                  | 1 | 1 | 9     | 6  |                    |  |
| 4150032 | 8         | 7.90  | 8.43  | 0.53   | JONES RD                 | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 0 | 0 | 0             | 0 | 0         | 1 | 0                 | 2 | 2                  | 1 | 1 | 6     | 3  |                    |  |
| 4150033 | 1         | 0.00  | 5.70  | 5.70   | GILHAM COOPER RD         | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150033 | 2         | 5.70  | 9.60  | 3.90   | GILHAM COOPER RD         | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150033 | 3         | 9.60  | 12.40 | 2.80   | GILHAM COOPER RD         | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name               | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |   | Weeds |    | Conservation Value |  |
|---------|-----------|-------|-------|--------|-------------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|-----------|---|-------------------|---|--------------------|---|---|-------|----|--------------------|--|
| 4150033 | 4         | 12.40 | 13.36 | 0.96   | GILHAM COOPER RD        | E   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150035 | 1         | 0.00  | 3.10  | 3.10   | BARBALIN KOONKOOBING RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150035 | 2         | 3.10  | 4.80  | 1.70   | BARBALIN KOONKOOBING RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150035 | 3         | 4.80  | 8.00  | 3.20   | BARBALIN KOONKOOBING RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150035 | 4         | 8.00  | 10.80 | 2.80   | BARBALIN KOONKOOBING RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 1                  | 1 | 2 | 2     | 10 | 10                 |  |
| 4150035 | 5         | 10.80 | 15.60 | 4.80   | BARBALIN KOONKOOBING RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150035 | 6         | 15.60 | 16.20 | 0.60   | BARBALIN KOONKOOBING RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150035 | 7         | 16.20 | 17.90 | 1.70   | BARBALIN KOONKOOBING RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 9  | 9                  |  |
| 4150035 | 8         | 17.90 | 19.60 | 1.70   | BARBALIN KOONKOOBING RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 0                  | 2 | 2 | 2     | 8  | 10                 |  |
| 4150035 | 9         | 19.60 | 20.20 | 0.60   | BARBALIN KOONKOOBING RD | S   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 0                  | 0 | 2 | 2     | 9  | 9                  |  |
| 4150036 | 1         | 0.00  | 2.40  | 2.40   | BREAKELL RD             | W   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 1 | 1                 | 2 | 2                  | 0 | 0 | 6     | 6  |                    |  |
| 4150036 | 2         | 2.40  | 8.30  | 5.90   | BREAKELL RD             | W   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150036 | 3         | 8.30  | 10.10 | 1.80   | BREAKELL RD             | W   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 1 | 9     | 8  |                    |  |
| 4150036 | 4         | 10.10 | 10.40 | 0.30   | BREAKELL RD             | W   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 0         | 1 | 1                 | 2 | 2                  | 1 | 1 | 7     | 7  |                    |  |
| 4150036 | 5         | 10.40 | 14.40 | 4.00   | BREAKELL RD             | W   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 1                 | 2 | 2                  | 1 | 1 | 9     | 8  |                    |  |
| 4150036 | 6         | 14.40 | 16.00 | 1.60   | BREAKELL RD             | W   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 0 | 0 | 7     | 7  |                    |  |
| 4150036 | 7         | 16.00 | 17.40 | 1.40   | BREAKELL RD             | W   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150036 | 8         | 17.40 | 19.90 | 2.50   | BREAKELL RD             | W   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 0 | 0         | 1 | 1                 | 2 | 2                  | 0 | 0 | 5     | 5  |                    |  |
| 4150036 | 9         | 19.90 | 25.53 | 5.63   | BREAKELL RD             | W   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150037 | 1         | 0.00  | 1.50  | 1.50   | GRYLLIS RD              | E   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150037 | 2         | 1.50  | 3.20  | 1.70   | GRYLLIS RD              | E   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 0 | 0 | 7     | 7  |                    |  |
| 4150037 | 3         | 3.20  | 7.20  | 4.00   | GRYLLIS RD              | E   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150037 | 4         | 7.20  | 12.70 | 5.50   | GRYLLIS RD              | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150037 | 5         | 12.70 | 16.00 | 3.30   | GRYLLIS RD              | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150037 | 6         | 16.00 | 17.11 | 1.11   | GRYLLIS RD              | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150038 | 1         | 0.00  | 7.30  | 7.30   | FELBAR RD               | E   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1 | 1     | 10 | 10                 |  |
| 4150038 | 2         | 7.30  | 11.98 | 4.68   | FELBAR RD               | E   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 1 | 2 | 2     | 11 | 10                 |  |
| 4150039 | 1         | 0.00  | 9.06  | 9.06   | AYRES RD                | S   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150039 | 2         | 9.06  | 14.06 | 5.00   | AYRES RD                | S   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150039 | 3         | 14.06 | 14.86 | 0.80   | AYRES RD                | S   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1 | 1     | 9  | 9                  |  |
| 4150039 | 4         | 14.86 | 19.86 | 5.00   | AYRES RD                | S   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150039 | 5         | 19.86 | 21.86 | 2.00   | AYRES RD                | S   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 1 | 2                  | 2 | 2 | 2     | 11 | 10                 |  |
| 4150039 | 6         | 21.86 | 23.16 | 1.30   | AYRES RD                | S   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 1 | 2                  | 2 | 2 | 2     | 11 | 10                 |  |
| 4150039 | 7         | 23.16 | 26.36 | 3.20   | AYRES RD                | S   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2 | 2     | 10 | 10                 |  |
| 4150040 | 1         | 0.00  | 1.98  | 1.98   | MARINDO NORTH RD        | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150040 | 2         | 1.98  | 5.06  | 3.08   | MARINDO NORTH RD        | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 0                  | 0 | 2 | 2     | 9  | 9                  |  |
| 4150040 | 3         | 5.06  | 11.51 | 6.45   | MARINDO NORTH RD        | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 2 | 1                 | 1 | 2                  | 2 | 2 | 2     | 11 | 11                 |  |
| 4150040 | 4         | 11.51 | 13.86 | 2.35   | MARINDO NORTH RD        | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1 | 1     | 9  | 9                  |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name             | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |   | Weeds |   | Conservation Value |    |
|---------|-----------|-------|-------|--------|-----------------------|-----|------------|----------|---------------|-------------------|---|---|-----------|---|-------------------|---|--------------------|---|---|-------|---|--------------------|----|
| 4150040 | 5         | 13.86 | 18.36 | 4.50   | MARINDO NORTH RD      | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 2 | 2                 | 2 | 2                  | 2 | 2 | 2     | 2 | 12                 | 12 |
| 4150040 | 6         | 18.36 | 22.16 | 3.80   | MARINDO NORTH RD      | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 2 | 2                  | 2 | 2 | 2     | 2 | 11                 | 11 |
| 4150040 | 7         | 22.16 | 27.47 | 5.31   | MARINDO NORTH RD      | N   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 2 | 2                 | 2 | 2                  | 0 | 2 | 2     | 2 | 12                 | 10 |
| 4150041 | 1         | 0.00  | 0.80  | 0.80   | JOB RD                | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 2 | 2                  | 0 | 0 | 2     | 2 | 9                  | 9  |
| 4150041 | 2         | 0.80  | 1.00  | 0.20   | JOB RD                | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 0 | 2 | 1     | 1 | 7                  | 9  |
| 4150041 | 3         | 1.00  | 2.20  | 1.20   | JOB RD                | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 2 | 1                  | 0 | 2 | 2     | 2 | 9                  | 10 |
| 4150041 | 4         | 2.20  | 6.00  | 3.80   | JOB RD                | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 1 | 1                  | 2 | 2 | 1     | 1 | 8                  | 8  |
| 4150041 | 5         | 6.00  | 7.90  | 1.90   | JOB RD                | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150041 | 6         | 7.90  | 8.70  | 0.80   | JOB RD                | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150041 | 7         | 8.70  | 11.80 | 3.10   | JOB RD                | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150042 | 1         | 0.00  | 39.50 | 39.50  | MOUROUBRA WOOLSHED RD | W   | 17/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 0 | 0 | 2     | 2 | 8                  | 8  |
| 4150043 | 1         | 0.00  | 0.53  | 0.53   | RED DAM RD            | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 2 | 2                  | 0 | 2 | 2     | 2 | 9                  | 11 |
| 4150043 | 2         | 0.53  | 2.63  | 2.10   | RED DAM RD            | E   | 12/10/2003 | KEVIN    | 20            | 1                 | 1 | 0 | 0         | 1 | 1                 | 1 | 1                  | 2 | 2 | 0     | 0 | 5                  | 5  |
| 4150043 | 3         | 2.63  | 5.23  | 2.60   | RED DAM RD            | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 2 | 1                  | 2 | 2 | 2     | 2 | 10                 | 9  |
| 4150043 | 4         | 5.23  | 6.23  | 1.00   | RED DAM RD            | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 9                  | 9  |
| 4150043 | 5         | 6.23  | 9.03  | 2.80   | RED DAM RD            | E   | 12/10/2003 | KEVIN    | 20            | 1                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 9                  | 10 |
| 4150044 | 1         | 0.00  | 3.80  | 3.80   | HARDWICK RD           | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 1 | 1                  | 2 | 2 | 1     | 1 | 8                  | 8  |
| 4150044 | 2         | 3.80  | 5.20  | 1.40   | HARDWICK RD           | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 1 | 1                  | 2 | 2 | 1     | 1 | 8                  | 8  |
| 4150046 | 1         | 0.00  | 1.52  | 1.52   | GRANT RD              | W   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 1 | 1                  | 2 | 2 | 1     | 1 | 8                  | 8  |
| 4150046 | 2         | 1.52  | 2.22  | 0.70   | GRANT RD              | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 0 | 0 | 2     | 2 | 8                  | 8  |
| 4150046 | 3         | 2.22  | 2.62  | 0.40   | GRANT RD              | W   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 1     | 1 | 9                  | 9  |
| 4150046 | 4         | 2.62  | 5.82  | 3.20   | GRANT RD              | W   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 1     | 1 | 9                  | 9  |
| 4150046 | 5         | 5.82  | 8.32  | 2.50   | GRANT RD              | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 2 | 2                  | 0 | 2 | 2     | 2 | 9                  | 11 |
| 4150047 | 1         | 0.00  | 1.26  | 1.26   | BRUSE RD              | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150047 | 2         | 1.26  | 2.56  | 1.30   | BRUSE RD              | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150047 | 3         | 2.56  | 3.46  | 0.90   | BRUSE RD              | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150047 | 4         | 3.46  | 5.86  | 2.40   | BRUSE RD              | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150048 | 1         | 0.00  | 2.51  | 2.51   | LACEY RD              | N   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 2 | 2                  | 2 | 2 | 2     | 2 | 11                 | 11 |
| 4150049 | 1         | 0.00  | 3.58  | 3.58   | PERRY RD              | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 2 | 2                  | 2 | 2 | 2     | 2 | 11                 | 11 |
| 4150049 | 2         | 3.58  | 8.88  | 5.30   | PERRY RD              | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150050 | 1         | 0.00  | 0.69  | 0.69   | FITZPATRICK RD        | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150050 | 2         | 0.69  | 2.69  | 2.00   | FITZPATRICK RD        | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150050 | 3         | 2.69  | 7.29  | 4.60   | FITZPATRICK RD        | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 1 | 1                 | 1 | 1                  | 2 | 2 | 2     | 2 | 10                 | 10 |
| 4150050 | 4         | 7.29  | 8.59  | 1.30   | FITZPATRICK RD        | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2         | 0 | 0                 | 1 | 1                  | 2 | 2 | 2     | 2 | 9                  | 9  |
| 4150050 | 5         | 8.59  | 9.69  | 1.10   | FITZPATRICK RD        | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 1 | 1                  | 2 | 2 | 1     | 1 | 8                  | 8  |
| 4150053 | 1         | 0.00  | 0.40  | 0.40   | COLLINS BACK RD       | S   | 19/09/2003 | KEVIN    | 20            | 1                 | 2 | 0 | 0         | 0 | 0                 | 1 | 1                  | 2 | 1 | 0     | 0 | 4                  | 4  |
| 4150053 | 2         | 0.40  | 0.80  | 0.40   | COLLINS BACK RD       | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0         | 0 | 0                 | 2 | 2                  | 2 | 2 | 0     | 1 | 6                  | 7  |
| 4150053 | 3         | 0.80  | 2.30  | 1.50   | COLLINS BACK RD       | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 2     | 2 | 10                 | 10 |

A survey of the roadside conservation values in the Shire of Mt Marshall



| Road #  | Section # | From | To    | Length | Road name          | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |    | Weeds |    | Conservation Value |  |
|---------|-----------|------|-------|--------|--------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|---|-----------|---|-------------------|---|--------------------|---|----|-------|----|--------------------|--|
| 4150053 | 4         | 2.30 | 3.80  | 1.50   | COLLINS BACK RD    | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 1             | 0 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1  | 6     | 8  |                    |  |
| 4150053 | 5         | 3.80 | 5.10  | 1.30   | COLLINS BACK RD    | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 1             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 2  | 11    | 10 |                    |  |
| 4150053 | 6         | 5.10 | 5.60  | 0.50   | COLLINS BACK RD    | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 2                 | 0 | 2                  | 2 | 10 | 8     |    |                    |  |
| 4150053 | 7         | 5.60 | 6.12  | 0.52   | COLLINS BACK RD    | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |    |                    |  |
| 4150054 | 1         | 0.00 | 1.10  | 1.10   | WADDOURING BACK RD | N   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 10 | 10    |    |                    |  |
| 4150054 | 2         | 1.10 | 3.30  | 2.20   | WADDOURING BACK RD | N   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150054 | 3         | 3.30 | 4.80  | 1.50   | WADDOURING BACK RD | N   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 2                 | 2 | 1                  | 1 | 8  | 9     |    |                    |  |
| 4150054 | 4         | 4.80 | 8.30  | 3.50   | WADDOURING BACK RD | N   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 7  | 7     |    |                    |  |
| 4150054 | 5         | 8.30 | 10.82 | 2.52   | WADDOURING BACK RD | N   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 2                 | 2 | 0                  | 0 | 8  | 8     |    |                    |  |
| 4150055 | 1         | 0.00 | 2.60  | 2.60   | SURTEES RD         | W   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 0                  | 0 | 7  | 7     |    |                    |  |
| 4150055 | 2         | 2.60 | 5.20  | 2.60   | SURTEES RD         | W   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150055 | 3         | 5.20 | 6.20  | 1.00   | SURTEES RD         | W   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 2                 | 0 | 2                  | 2 | 10 | 8     |    |                    |  |
| 4150055 | 4         | 6.20 | 6.70  | 0.50   | SURTEES RD         | W   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 1 | 2                 | 2 | 2                  | 2 | 11 | 10    |    |                    |  |
| 4150055 | 5         | 6.70 | 8.78  | 2.08   | SURTEES RD         | W   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150056 | 1         | 0.00 | 1.00  | 1.00   | GABBIN NARKAL RD   | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 0 | 2                  | 2 | 11 | 9     |    |                    |  |
| 4150056 | 2         | 1.00 | 1.60  | 0.60   | GABBIN NARKAL RD   | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |    |                    |  |
| 4150056 | 3         | 1.60 | 4.00  | 2.40   | GABBIN NARKAL RD   | W   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 0                  | 0 | 7  | 7     |    |                    |  |
| 4150056 | 4         | 4.00 | 4.87  | 0.87   | GABBIN NARKAL RD   | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 2 | 2                 | 0 | 2                  | 2 | 10 | 9     |    |                    |  |
| 4150057 | 1         | 0.00 | 1.31  | 1.31   | BROOKS RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150057 | 2         | 1.31 | 2.61  | 1.30   | BROOKS RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 1 | 2                 | 2 | 2                  | 2 | 10 | 9     |    |                    |  |
| 4150057 | 3         | 2.61 | 3.41  | 0.80   | BROOKS RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 10 | 10    |    |                    |  |
| 4150057 | 4         | 3.41 | 5.01  | 1.60   | BROOKS RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 1 | 0                 | 0 | 2                  | 2 | 9  | 8     |    |                    |  |
| 4150057 | 5         | 5.01 | 9.71  | 4.70   | BROOKS RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |    |                    |  |
| 4150058 | 1         | 0.00 | 3.70  | 3.70   | BURNETT RD         | E   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |    |                    |  |
| 4150058 | 2         | 3.70 | 4.70  | 1.00   | BURNETT RD         | E   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |    |                    |  |
| 4150058 | 3         | 4.70 | 5.23  | 0.53   | BURNETT RD         | E   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |    |                    |  |
| 4150059 | 1         | 0.00 | 4.40  | 4.40   | WALKER RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |    |                    |  |
| 4150059 | 2         | 4.40 | 6.80  | 2.40   | WALKER RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150059 | 3         | 6.80 | 7.60  | 0.80   | WALKER RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 1 | 0                 | 1 | 2                  | 2 | 9  | 9     |    |                    |  |
| 4150059 | 4         | 7.60 | 8.00  | 0.40   | WALKER RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 2                 | 1 | 2                  | 2 | 10 | 9     |    |                    |  |
| 4150059 | 5         | 8.00 | 8.87  | 0.87   | WALKER RD          | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150060 | 1         | 0.00 | 2.60  | 2.60   | PROBERT RD         | W   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1 | 2         | 2 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150060 | 2         | 2.60 | 3.50  | 0.90   | PROBERT RD         | W   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 0                 | 2 | 2                  | 2 | 8  | 10    |    |                    |  |
| 4150060 | 3         | 3.50 | 6.10  | 2.60   | PROBERT RD         | W   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 0                 | 0 | 2                  | 2 | 8  | 8     |    |                    |  |
| 4150060 | 4         | 6.10 | 8.41  | 2.31   | PROBERT RD         | W   | 5/12/2003  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 0                 | 0 | 1                  | 1 | 7  | 7     |    |                    |  |
| 4150061 | 1         | 0.00 | 2.00  | 2.00   | POLKINGHORNE RD    | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1 | 2         | 2 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150061 | 2         | 2.00 | 2.93  | 0.93   | POLKINGHORNE RD    | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 0 | 2         | 2 | 2                 | 2 | 2                  | 2 | 9  | 9     |    |                    |  |
| 4150062 | 1         | 0.00 | 3.69  | 3.69   | FAULKNER RD        | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 2 | 2                 | 0 | 2                  | 2 | 10 | 9     |    |                    |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name              | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   | Weeds |   | Conservation Value |    |
|---------|-----------|-------|-------|--------|------------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|-----------|---|-------------------|---|--------------------|---|-------|---|--------------------|----|
| 4150062 | 2         | 3.69  | 4.19  | 0.50   | FAULKNER RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 0                  | 0 | 2     | 2 | 8                  | 8  |
| 4150062 | 3         | 4.19  | 5.59  | 1.40   | FAULKNER RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 2 | 2                  | 0 | 2     | 2 | 10                 | 9  |
| 4150062 | 4         | 5.59  | 6.39  | 0.80   | FAULKNER RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150062 | 5         | 6.39  | 7.89  | 1.50   | FAULKNER RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150062 | 6         | 7.89  | 8.99  | 1.10   | FAULKNER RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150063 | 1         | 2.05  | 2.85  | 0.80   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 0                  | 0 | 2     | 2 | 9                  | 9  |
| 4150063 | 2         | 2.85  | 3.15  | 0.30   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 2 | 2                  | 0 | 2     | 2 | 10                 | 9  |
| 4150063 | 3         | 3.15  | 6.65  | 3.50   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150063 | 4         | 6.65  | 7.55  | 0.90   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150063 | 5         | 7.55  | 9.95  | 2.40   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150063 | 6         | 9.95  | 11.65 | 1.70   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1     | 1 | 8                  | 8  |
| 4150063 | 7         | 11.65 | 13.45 | 1.80   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150063 | 8         | 13.45 | 15.05 | 1.60   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150063 | 9         | 15.05 | 17.05 | 2.00   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 0 | 0         | 0 | 0                 | 2 | 0                  | 2 | 2     | 8 | 6                  |    |
| 4150063 | 10        | 17.05 | 21.35 | 4.30   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150063 | 11        | 21.35 | 24.15 | 2.80   | BARNEY BORE RD         | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150064 | 1         | 0.00  | 9.97  | 9.97   | STONE RD               | NW  | 12/10/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150065 | 1         | 0.00  | 4.50  | 4.50   | MATTHEWS RD            | E   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150065 | 2         | 4.50  | 7.06  | 2.56   | MATTHEWS RD            | E   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150066 | 1         | 0.00  | 2.99  | 2.99   | HOGANS RD              | W   | 23/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1     | 1 | 9                  | 9  |
| 4150067 | 1         | 0.00  | 2.70  | 2.70   | SACHSE NORTH SOUTH RD  | S   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 0         | 1 | 1                 | 2 | 2                  | 1 | 1     | 7 | 7                  |    |
| 4150067 | 2         | 2.70  | 3.70  | 1.00   | SACHSE NORTH SOUTH RD  | S   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 2                  | 2 | 2     | 2 | 10                 | 10 |
| 4150067 | 3         | 3.70  | 8.08  | 4.38   | SACHSE NORTH SOUTH RD  | S   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1     | 1 | 9                  | 9  |
| 4150068 | 1         | 0.00  | 2.30  | 2.30   | SACHSE EAST WEST RD    | E   | 23/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1     | 1 | 9                  | 9  |
| 4150069 | 1         | 0.00  | 1.90  | 1.90   | MARSHALL ROCK NORTH RD | S   | 23/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 1     | 1 | 9                  | 9  |
| 4150069 | 2         | 1.90  | 3.10  | 1.20   | MARSHALL ROCK NORTH RD | S   | 23/09/2003 | KEVIN    | 20            | 1                 | 2 | 0 | 0             | 0 | 1         | 1 | 2                 | 2 | 2                  | 0 | 1     | 4 | 8                  |    |
| 4150069 | 3         | 3.10  | 4.00  | 0.90   | MARSHALL ROCK NORTH RD | S   | 23/09/2003 | KEVIN    | 20            | 0                 | 0 | 0 | 0             | 0 | 0         | 0 | 0                 | 2 | 2                  | 0 | 0     | 2 | 2                  |    |
| 4150069 | 4         | 4.00  | 5.58  | 1.58   | MARSHALL ROCK NORTH RD | S   | 23/09/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 0 | 1         | 1 | 2                 | 0 | 0                  | 0 | 1     | 3 | 6                  |    |
| 4150070 | 1         | 0.00  | 0.97  | 0.97   | MARSHALL ROCK SOUTH RD | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 1 | 1                  | 1 | 1     | 1 | 8                  | 7  |
| 4150070 | 2         | 0.97  | 1.29  | 0.32   | MARSHALL ROCK SOUTH RD | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 1 | 0                  | 2 | 2     | 1 | 8                  | 8  |
| 4150070 | 3         | 1.29  | 1.68  | 0.39   | MARSHALL ROCK SOUTH RD | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 0 | 0         | 1 | 2                 | 2 | 2                  | 2 | 0     | 0 | 5                  | 6  |
| 4150070 | 4         | 1.68  | 2.73  | 1.05   | MARSHALL ROCK SOUTH RD | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 2             | 0 | 0         | 0 | 2                 | 2 | 2                  | 0 | 1     | 1 | 5                  | 7  |
| 4150070 | 5         | 2.73  | 4.03  | 1.30   | MARSHALL ROCK SOUTH RD | S   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 1 | 1                  | 2 | 1     | 1 | 8                  | 8  |
| 4150072 | 1         | 0.00  | 2.21  | 2.21   | BEAGLEY RD             | S   |            | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 0     | 0 | 6                  | 6  |
| 4150073 | 1         | 0.00  | 3.50  | 3.50   | GRAY RD                | N   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 1 | 2                  | 2 | 0     | 0 | 8                  | 7  |
| 4150073 | 2         | 3.50  | 6.74  | 3.24   | GRAY RD                | N   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 0     | 0 | 7                  | 8  |
| 4150075 | 1         | 0.00  | 3.15  | 3.15   | GABBIN TRAYNING RD     | W   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 2     | 2 | 9                  | 9  |
| 4150075 | 2         | 3.15  | 6.01  | 2.86   | GABBIN TRAYNING RD     | S   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1     | 1 | 8                  | 8  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name            | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |    | Weeds |   | Conservation Value |  |
|---------|-----------|-------|-------|--------|----------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|---|-----------|---|-------------------|---|--------------------|---|----|-------|---|--------------------|--|
| 4150075 | 3         | 6.01  | 12.31 | 6.30   | GABBIN TRAYNING RD   | S   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 1 | 1  | 9     | 9 |                    |  |
| 4150075 | 4         | 12.31 | 17.21 | 4.90   | GABBIN TRAYNING RD   | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 2 | 2                 | 0 | 1                  | 2 | 9  | 9     |   |                    |  |
| 4150075 | 5         | 17.21 | 20.76 | 3.55   | GABBIN TRAYNING RD   | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |   |                    |  |
| 4150076 | 1         | 0.00  | 4.00  | 4.00   | WHITTLE RD           | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 10 | 10    |   |                    |  |
| 4150076 | 2         | 4.00  | 5.88  | 1.88   | WHITTLE RD           | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 9  | 9     |   |                    |  |
| 4150077 | 1         | 0.00  | 15.30 | 15.30  | EMU PROOF FENCE RD   | NW  | 12/10/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 2 | 2         | 2 | 0                 | 0 | 2                  | 2 | 10 | 10    |   |                    |  |
| 4150077 | 2         | 15.30 | 33.90 | 18.60  | EMU PROOF FENCE RD   | NW  | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2 | 2         | 2 | 1                 | 0 | 2                  | 2 | 11 | 10    |   |                    |  |
| 4150078 | 1         | 0.00  | 1.30  | 1.30   | HUXLEY RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 0 | 0 | 2         | 1 | 2                 | 2 | 1                  | 1 | 9  | 8     |   |                    |  |
| 4150078 | 2         | 1.30  | 3.42  | 2.12   | HUXLEY RD            | N   |            | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 0 | 0 | 1         | 1 | 2                 | 2 | 0                  | 0 | 5  | 5     |   |                    |  |
| 4150079 | 1         | 0.00  | 2.60  | 2.60   | MITCHELL RD          | W   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 10 | 10    |   |                    |  |
| 4150079 | 2         | 2.60  | 8.90  | 6.30   | MITCHELL RD          | W   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 10 | 10    |   |                    |  |
| 4150079 | 3         | 8.90  | 18.80 | 9.90   | MITCHELL RD          | W   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 10 | 10    |   |                    |  |
| 4150079 | 4         | 18.80 | 19.70 | 0.90   | MITCHELL RD          | W   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |   |                    |  |
| 4150079 | 5         | 19.70 | 21.70 | 2.00   | MITCHELL RD          | W   | 13/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 2                 | 1 | 1                  | 9 | 9  |       |   |                    |  |
| 4150080 | 1         | 0.00  | 3.00  | 3.00   | JACK RD              | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 2                 | 2 | 1                  | 1 | 9  | 9     |   |                    |  |
| 4150080 | 2         | 3.00  | 4.10  | 1.10   | JACK RD              | S   | 3/03/2004  | KEVIN    | 20            | 1                 | 1 | 0 | 0             | 0 | 0 | 0         | 1 | 2                 | 2 | 0                  | 0 | 3  | 4     |   |                    |  |
| 4150080 | 3         | 4.10  | 6.30  | 2.20   | JACK RD              | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |   |                    |  |
| 4150080 | 4         | 6.30  | 8.40  | 2.10   | JACK RD              | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 9  | 9     |   |                    |  |
| 4150080 | 5         | 8.40  | 10.43 | 2.03   | JACK RD              | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 2                 | 2 | 1                  | 1 | 8  | 9     |   |                    |  |
| 4150081 | 1         | 0.00  | 6.00  | 6.00   | CRABBE RD            | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |   |                    |  |
| 4150081 | 2         | 6.00  | 9.80  | 3.80   | CRABBE RD            | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 2                 | 2 | 2                  | 2 | 10 | 10    |   |                    |  |
| 4150081 | 3         | 9.80  | 11.10 | 1.30   | CRABBE RD            | E   | 10/03/2004 | KEVIN    | 20            | 0                 | 0 | 0 | 0             | 0 | 0 | 0         | 0 | 2                 | 2 | 0                  | 0 | 2  | 2     |   |                    |  |
| 4150081 | 4         | 11.10 | 12.30 | 1.20   | CRABBE RD            | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 0 | 1         | 1 | 2                 | 2 | 1                  | 1 | 7  | 7     |   |                    |  |
| 4150081 | 5         | 12.30 | 13.35 | 1.05   | CRABBE RD            | E   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1 | 1         | 1 | 0                 | 2 | 2                  | 2 | 8  | 10    |   |                    |  |
| 4150082 | 1         | 0.00  | 1.80  | 1.80   | WIALKI NORTH EAST RD | W   | 11/03/2004 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 1                  | 1 | 10 | 10    |   |                    |  |
| 4150082 | 2         | 1.80  | 2.86  | 1.06   | WIALKI NORTH EAST RD | W   | 11/03/2004 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 0                 | 2 | 2                  | 2 | 9  | 11    |   |                    |  |
| 4150083 | 1         | 0.00  | 1.70  | 1.70   | GARDNER RD           | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |   |                    |  |
| 4150083 | 2         | 1.70  | 3.60  | 1.90   | GARDNER RD           | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |   |                    |  |
| 4150083 | 3         | 3.60  | 6.00  | 2.40   | GARDNER RD           | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |   |                    |  |
| 4150083 | 4         | 6.00  | 10.46 | 4.46   | GARDNER RD           | N   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |   |                    |  |
| 4150084 | 1         | 0.00  | 3.50  | 3.50   | WHYTE RD             | W   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 10 | 10    |   |                    |  |
| 4150084 | 2         | 3.50  | 4.75  | 1.25   | WHYTE RD             | W   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 10 | 10    |   |                    |  |
| 4150107 | 1         | 0.00  | 6.75  | 6.75   | AITKEN RD            | W   | 13/11/2003 | KEVIN    |               | 2                 | 2 | 2 | 2             | 2 | 2 | 2         | 2 | 2                 | 2 | 2                  | 2 | 12 | 12    |   |                    |  |
| 4150108 | 1         | 0.00  | 2.50  | 2.50   | JUNK RD              | NE  | 11/03/2004 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |   |                    |  |
| 4150108 | 2         | 2.50  | 5.30  | 2.80   | JUNK RD              | NE  | 11/03/2004 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 0                 | 2 | 2                  | 2 | 9  | 11    |   |                    |  |
| 4150108 | 3         | 5.30  | 11.12 | 5.82   | JUNK RD              | E   | 11/03/2004 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 11 | 11    |   |                    |  |
| 4150109 | 1         | 0.00  | 1.00  | 1.00   | MILLAR RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 1 | 0                 | 2 | 2                  | 2 | 8  | 9     |   |                    |  |
| 4150109 | 2         | 1.00  | 2.90  | 1.90   | MILLAR RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 0 | 0 | 1         | 1 | 2                 | 2 | 0                  | 0 | 6  | 6     |   |                    |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name           | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |    | Weeds |    | Conservation Value |  |
|---------|-----------|-------|-------|--------|---------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|---|-----------|---|-------------------|---|--------------------|---|----|-------|----|--------------------|--|
| 4150109 | 3         | 2.90  | 3.70  | 0.80   | MILLAR RD           | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2  | 2     | 11 | 11                 |  |
| 4150109 | 4         | 3.70  | 4.56  | 0.86   | MILLAR RD           | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1  | 8     | 8  |                    |  |
| 4150110 | 1         | 0.00  | 5.28  | 5.28   | KUHL RD             | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2  | 11    | 11 |                    |  |
| 4150110 | 2         | 5.28  | 8.98  | 3.70   | KUHL RD             | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2 | 2         | 2 | 2                 | 0 | 0                  | 2 | 2  | 10    | 10 |                    |  |
| 4150111 | 1         | 0.00  | 3.92  | 3.92   | WHITE RD            | NW  |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2  | 11    | 11 |                    |  |
| 4150113 | 1         | 0.00  | 2.00  | 2.00   | POTTS RD            | E   | 18/09/2003 | KEVIN    | 20            | 1                 | 1 | 0 | 0             | 0 | 0 | 0         | 0 | 0                 | 2 | 2                  | 0 | 0  | 3     | 3  |                    |  |
| 4150113 | 2         | 2.00  | 4.55  | 2.55   | POTTS RD            | E   | 18/09/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 0 | 0 | 2         | 1 | 2                 | 2 | 1                  | 1 | 7  | 6     |    |                    |  |
| 4150114 | 1         | 0.00  | 4.14  | 4.14   | BUNCE RD            | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0  | 9     | 9  |                    |  |
| 4150114 | 2         | 4.14  | 10.14 | 6.00   | BUNCE RD            | E   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2  | 10    | 10 |                    |  |
| 4150114 | 3         | 10.14 | 16.04 | 5.90   | BUNCE RD            | E   |            | KEVIN    | 40            | 2                 | 2 | 0 | 0             | 1 | 1 | 1         | 1 | 2                 | 0 | 2                  | 2 | 8  | 6     |    |                    |  |
| 4150115 | 1         | 0.00  | 1.20  | 1.20   | KETT RD             | S   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 0 | 2                  | 1 | 1  | 7     | 9  |                    |  |
| 4150115 | 2         | 1.20  | 4.09  | 2.89   | KETT RD             | S   |            | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1 | 2         | 1 | 2                 | 2 | 0                  | 0 | 7  | 6     |    |                    |  |
| 4150116 | 1         | 0.00  | 0.48  | 0.48   | GABBABIN RD         | N   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0  | 8     | 8  |                    |  |
| 4150116 | 2         | 0.48  | 1.88  | 1.40   | GABBABIN RD         | W   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 11 | 11    |    |                    |  |
| 4150116 | 3         | 1.88  | 3.92  | 2.04   | GABBABIN RD         | W   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2  | 10    | 10 |                    |  |
| 4150117 | 1         | 0.00  | 3.90  | 3.90   | MUGGAN GABBY RD     | NW  |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2  | 11    | 11 |                    |  |
| 4150117 | 2         | 3.90  | 4.68  | 0.78   | MUGGAN GABBY RD     | NW  |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 0                  | 2 | 2  | 11    | 9  |                    |  |
| 4150117 | 3         | 4.68  | 5.88  | 1.20   | MUGGAN GABBY RD     | NW  |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2  | 11    | 11 |                    |  |
| 4150118 | 1         | 0.00  | 3.55  | 3.55   | MULJI RD            | W   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 1                 | 2 | 2                  | 1 | 1  | 9     | 8  |                    |  |
| 4150118 | 2         | 3.55  | 6.66  | 3.11   | MULJI RD            | W   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 2                 | 2 | 0                  | 0 | 7  | 8     |    |                    |  |
| 4150119 | 1         | 0.00  | 0.90  | 0.90   | MANDIGA TRAYNING RD | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 1                 | 2 | 2                  | 0 | 0  | 7     | 7  |                    |  |
| 4150119 | 2         | 0.90  | 2.20  | 1.30   | MANDIGA TRAYNING RD | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2  | 10    | 10 |                    |  |
| 4150119 | 3         | 2.20  | 6.30  | 4.10   | MANDIGA TRAYNING RD | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150119 | 4         | 6.30  | 13.29 | 6.99   | MANDIGA TRAYNING RD | S   | 3/03/2004  | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150120 | 1         | 0.00  | 2.40  | 2.40   | WHYTE EAST RD       | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1  | 8     | 8  |                    |  |
| 4150120 | 2         | 2.40  | 4.40  | 2.00   | WHYTE EAST RD       | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 2 | 2                 | 1 | 2                  | 2 | 2  | 10    | 9  |                    |  |
| 4150120 | 3         | 4.40  | 5.42  | 1.02   | WHYTE EAST RD       | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 2 | 2                 | 0 | 2                  | 2 | 9  | 8     |    |                    |  |
| 4150121 | 1         | 0.00  | 1.41  | 1.41   | ASKEW RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 2 | 2                 | 0 | 0                  | 2 | 2  | 9     | 9  |                    |  |
| 4150121 | 2         | 1.41  | 4.61  | 3.20   | ASKEW RD            | E   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150125 | 1         | 0.00  | 0.93  | 0.93   | GOODER RD           | W   | 16/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2  | 10    | 10 |                    |  |
| 4150125 | 2         | 0.93  | 1.83  | 0.90   | GOODER RD           | W   | 16/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1  | 9     | 9  |                    |  |
| 4150125 | 3         | 1.83  | 2.53  | 0.70   | GOODER RD           | W   | 16/10/2003 | KEVIN    | 20            | 0                 | 0 | 0 | 0             | 0 | 0 | 0         | 0 | 0                 | 2 | 0                  | 0 | 2  | 2     |    |                    |  |
| 4150127 | 1         | 0.00  | 4.50  | 4.50   | GREENHAM RD         | S   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 2         | 1 | 2                 | 2 | 1                  | 1 | 9  | 8     |    |                    |  |
| 4150127 | 2         | 4.50  | 6.40  | 1.90   | GREENHAM RD         | S   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1 | 1         | 1 | 2                 | 2 | 0                  | 0 | 6  | 6     |    |                    |  |
| 4150127 | 3         | 6.40  | 8.70  | 2.30   | GREENHAM RD         | S   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1  | 9     | 9  |                    |  |
| 4150127 | 4         | 8.70  | 9.60  | 0.90   | GREENHAM RD         | S   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2  | 10    | 10 |                    |  |
| 4150127 | 5         | 9.60  | 10.43 | 0.83   | GREENHAM RD         | S   | 23/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1 | 1         | 1 | 2                 | 2 | 1                  | 1 | 8  | 8     |    |                    |  |
| 4150128 | 1         | 3.61  | 5.81  | 2.20   | MCKENZIE RD         | S   | 13/10/2003 | KEVIN    | 20            | 1                 | 1 | 0 | 0             | 0 | 0 | 1         | 1 | 2                 | 2 | 0                  | 0 | 4  | 4     |    |                    |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name           | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |   | Weeds |    | Conservation Value |  |
|---------|-----------|-------|-------|--------|---------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|-----------|---|-------------------|---|--------------------|---|---|-------|----|--------------------|--|
| 4150128 | 2         | 5.81  | 7.11  | 1.30   | MCKENZIE RD         | S   | 13/10/2003 | KEVIN    | 20            | 1                 | 1 | 0 | 0             | 0 | 0         | 1 | 1                 | 2 | 2                  | 0 | 0 | 4     | 4  |                    |  |
| 4150128 | 3         | 7.11  | 8.01  | 0.90   | MCKENZIE RD         | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150128 | 4         | 8.01  | 8.71  | 0.70   | MCKENZIE RD         | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 1 | 2                 | 2 | 2                  | 1 | 1 | 7     | 8  |                    |  |
| 4150128 | 5         | 8.71  | 9.11  | 0.40   | MCKENZIE RD         | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 1 | 1                 | 1 | 0                  | 2 | 2 | 7     | 6  |                    |  |
| 4150128 | 6         | 9.11  | 9.91  | 0.80   | MCKENZIE RD         | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 1 | 2                 | 2 | 2                  | 1 | 1 | 7     | 8  |                    |  |
| 4150128 | 7         | 9.91  | 11.31 | 1.40   | MCKENZIE RD         | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 8     | 8  |                    |  |
| 4150129 | 1         | 0.00  | 1.21  | 1.21   | ALLEN RD            | S   | 24/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 9     | 9  |                    |  |
| 4150130 | 1         | 0.00  | 3.60  | 3.60   | HAMMOND RD          | S   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150130 | 2         | 3.60  | 6.76  | 3.16   | HAMMOND RD          | S   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150131 | 1         | 0.00  | 2.29  | 2.29   | LINDEN RD           | S   | 10/03/2004 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150139 | 1         | 0.00  | 3.05  | 3.05   | HEGGARTY RD         | W   |            | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 1 | 1                  | 2 | 2 | 10    | 10 |                    |  |
| 4150143 | 1         | 0.00  | 3.11  | 3.11   | WELSH RD            | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150143 | 2         | 3.11  | 3.81  | 0.70   | WELSH RD            | W   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 2                 | 2 | 0                  | 2 | 2 | 10    | 9  |                    |  |
| 4150143 | 3         | 3.81  | 4.01  | 0.20   | WELSH RD            | W   |            | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 2 | 1                 | 0 | 0                  | 2 | 2 | 7     | 6  |                    |  |
| 4150144 | 1         | 0.00  | 1.07  | 1.07   | WELSH EAST RD       | E   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 0 | 0                  | 2 | 2 | 9     | 9  |                    |  |
| 4150145 | 1         | 0.00  | 4.60  | 4.60   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150145 | 2         | 4.60  | 5.90  | 1.30   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150145 | 3         | 5.90  | 7.50  | 1.60   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 2                 | 0 | 2                  | 2 | 2 | 8     | 11 |                    |  |
| 4150145 | 4         | 7.50  | 8.90  | 1.40   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150145 | 5         | 8.90  | 11.20 | 2.30   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0 | 7     | 7  |                    |  |
| 4150145 | 6         | 11.20 | 15.80 | 4.60   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0 | 8     | 8  |                    |  |
| 4150145 | 7         | 15.80 | 17.00 | 1.20   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 2                 | 2 | 2                  | 0 | 0 | 7     | 8  |                    |  |
| 4150145 | 8         | 17.00 | 18.50 | 1.50   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 1                 | 2 | 0 | 0             | 1 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0 | 6     | 7  |                    |  |
| 4150145 | 9         | 18.50 | 21.10 | 2.60   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150145 | 10        | 21.10 | 27.30 | 6.20   | KOORDA BULLFINCH RD | E   | 16/11/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150145 | 11        | 28.50 | 30.50 | 2.00   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 1 | 1                 | 1 | 0                  | 2 | 2 | 10    | 9  |                    |  |
| 4150145 | 12        | 30.50 | 31.00 | 0.50   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 1 | 2                 | 1 | 2                  | 2 | 2 | 10    | 12 |                    |  |
| 4150145 | 13        | 31.00 | 33.10 | 2.10   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 1 | 1                 | 1 | 2                  | 2 | 2 | 10    | 11 |                    |  |
| 4150145 | 14        | 33.10 | 35.20 | 2.10   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 1 | 2                 | 0 | 1                  | 2 | 2 | 9     | 11 |                    |  |
| 4150145 | 15        | 35.20 | 38.20 | 3.00   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 0 | 1                  | 1 | 1 | 6     | 7  |                    |  |
| 4150145 | 16        | 38.20 | 39.10 | 0.90   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 1                 | 0 | 1                  | 2 | 2 | 9     | 9  |                    |  |
| 4150145 | 17        | 39.10 | 40.80 | 1.70   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 1                  | 1 | 1 | 8     | 7  |                    |  |
| 4150145 | 18        | 40.80 | 41.70 | 0.90   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 0 | 1                  | 2 | 2 | 7     | 8  |                    |  |
| 4150145 | 19        | 41.70 | 44.50 | 2.80   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 1                 | 1 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 1                  | 0 | 0 | 6     | 5  |                    |  |
| 4150145 | 20        | 44.50 | 46.20 | 1.70   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 2         | 2 | 2                 | 0 | 1                  | 2 | 2 | 10    | 11 |                    |  |
| 4150145 | 21        | 46.20 | 47.80 | 1.60   | KOORDA BULLFINCH RD | E   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 2         | 1 | 2                 | 2 | 0                  | 1 | 2 | 2     | 10 | 11                 |  |
| 4150149 | 1         | 0.50  | 2.40  | 1.90   | BENCUBBIN BEACON RD | N   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 2                 | 2 | 0                  | 2 | 2 | 10    | 9  |                    |  |
| 4150149 | 2         | 2.40  | 4.20  | 1.80   | BENCUBBIN BEACON RD | N   |            | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 9     | 9  |                    |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name                 | Dir | Date       | Observer | Reserve Width | Native Vegetation |   |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   |   | Weeds |    | Conservation Value |  |
|---------|-----------|-------|-------|--------|---------------------------|-----|------------|----------|---------------|-------------------|---|---|---------------|---|-----------|---|-------------------|---|--------------------|---|---|-------|----|--------------------|--|
| 4150149 | 3         | 4.20  | 9.70  | 5.50   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 1 | 1                 | 2 | 2                  | 0 | 0 | 6     | 6  |                    |  |
| 4150149 | 4         | 9.70  | 13.10 | 3.40   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150149 | 5         | 13.10 | 17.00 | 3.90   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150149 | 6         | 17.00 | 18.40 | 1.40   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0 | 7     | 7  |                    |  |
| 4150149 | 7         | 18.40 | 21.60 | 3.20   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150149 | 8         | 21.60 | 25.30 | 3.70   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150149 | 9         | 25.30 | 26.20 | 0.90   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 1                 | 1 | 0 | 0             | 0 | 0         | 0 | 0                 | 2 | 2                  | 2 | 2 | 5     | 5  |                    |  |
| 4150149 | 10        | 26.20 | 30.90 | 4.70   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 1 | 1 | 9     | 9  |                    |  |
| 4150149 | 11        | 30.90 | 33.80 | 2.90   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 1                 | 1 | 1 | 1             | 0 | 0         | 1 | 1                 | 2 | 2                  | 1 | 1 | 6     | 6  |                    |  |
| 4150149 | 12        | 33.80 | 38.80 | 5.00   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 11 |                    |  |
| 4150149 | 13        | 38.80 | 40.80 | 2.00   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 0 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 8     | 10 |                    |  |
| 4150149 | 14        | 40.80 | 42.20 | 1.40   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 2 | 0             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 8  |                    |  |
| 4150149 | 15        | 42.20 | 42.63 | 0.43   | BENCUBBIN BEACON RD       | N   |            | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 0 | 1                  | 2 | 2 | 8     | 9  |                    |  |
| 4150150 | 1         | 0.00  | 4.68  | 4.68   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 1                  | 2 | 2 | 9     | 8  |                    |  |
| 4150150 | 2         | 4.68  | 8.00  | 3.32   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 2             | 1 | 1         | 1 | 1                 | 2 | 1                  | 1 | 2 | 8     | 9  |                    |  |
| 4150150 | 3         | 8.00  | 12.70 | 4.70   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150150 | 4         | 12.70 | 19.00 | 6.30   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 2         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 12 |                    |  |
| 4150150 | 5         | 19.00 | 23.14 | 4.14   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 2 | 2 | 10    | 10 |                    |  |
| 4150150 | 6         | 23.14 | 25.06 | 1.92   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 1                 | 2 | 0 | 0             | 1 | 1         | 0 | 1                 | 2 | 2                  | 1 | 1 | 5     | 7  |                    |  |
| 4150150 | 7         | 26.18 | 27.10 | 0.92   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 1 | 1                 | 0 | 0                  | 2 | 2 | 8     | 8  |                    |  |
| 4150150 | 8         | 27.10 | 28.60 | 1.50   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 2                  | 2 | 2 | 9     | 9  |                    |  |
| 4150150 | 9         | 28.60 | 30.20 | 1.60   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 0                 | 0 | 0 | 0             | 1 | 1         | 1 | 1                 | 1 | 2                  | 0 | 0 | 3     | 4  |                    |  |
| 4150150 | 10        | 30.20 | 35.60 | 5.40   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 0 | 0                 | 1 | 2                  | 2 | 2 | 8     | 9  |                    |  |
| 4150150 | 11        | 35.60 | 36.15 | 0.55   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 1 | 1 | 7     | 8  |                    |  |
| 4150150 | 12        | 36.15 | 40.40 | 4.25   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 0 | 0             | 1 | 2         | 2 | 2                 | 1 | 1                  | 2 | 2 | 8     | 9  |                    |  |
| 4150150 | 13        | 40.40 | 41.00 | 0.60   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 2             | 1 | 1         | 2 | 2                 | 2 | 1                  | 2 | 2 | 10    | 10 |                    |  |
| 4150150 | 14        | 41.00 | 43.70 | 2.70   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 2 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0 | 10    | 9  |                    |  |
| 4150150 | 15        | 43.70 | 44.90 | 1.20   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 0                 | 0 | 0 | 0             | 0 | 0         | 1 | 1                 | 0 | 0                  | 2 | 2 | 3     | 3  |                    |  |
| 4150150 | 16        | 44.90 | 47.90 | 3.00   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 0 | 0                  | 2 | 2 | 9     | 9  |                    |  |
| 4150150 | 17        | 47.90 | 48.70 | 0.80   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 2 | 2                  | 0 | 0 | 9     | 9  |                    |  |
| 4150150 | 18        | 48.70 | 50.30 | 1.60   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 0                 | 1 | 0 | 0             | 0 | 1         | 0 | 1                 | 2 | 2                  | 0 | 0 | 2     | 5  |                    |  |
| 4150150 | 19        | 50.30 | 51.89 | 1.59   | BURAKIN WIALKI RD         | E   | 12/10/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 1 | 1                 | 2 | 0                  | 1 | 1 | 8     | 6  |                    |  |
| 4150151 | 1         | 0.00  | 1.20  | 1.20   | KELLERBERRIN BENCUBBIN RD | N   | 19/09/2003 | KEVIN    | 40            | 2                 | 2 | 2 | 2             | 1 | 2         | 2 | 2                 | 0 | 2                  | 2 | 2 | 9     | 12 |                    |  |
| 4150151 | 2         | 1.20  | 2.10  | 0.90   | KELLERBERRIN BENCUBBIN RD | N   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 1         | 2 | 2                 | 0 | 0                  | 2 | 2 | 9     | 9  |                    |  |
| 4150151 | 3         | 2.10  | 4.00  | 1.90   | KELLERBERRIN BENCUBBIN RD | N   | 19/09/2003 | KEVIN    | 20            | 1                 | 1 | 1 | 1             | 1 | 1         | 2 | 2                 | 1 | 2                  | 2 | 2 | 8     | 9  |                    |  |
| 4150151 | 4         | 4.00  | 7.30  | 3.30   | KELLERBERRIN BENCUBBIN RD | N   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 1 | 1             | 1 | 1         | 2 | 2                 | 2 | 2                  | 1 | 2 | 9     | 10 |                    |  |
| 4150151 | 5         | 7.30  | 8.20  | 0.90   | KELLERBERRIN BENCUBBIN RD | N   | 19/09/2003 | KEVIN    | 20            | 2                 | 2 | 2 | 2             | 1 | 0         | 2 | 2                 | 2 | 2                  | 2 | 2 | 11    | 10 |                    |  |

A survey of the roadside conservation values in the Shire of Mt Marshall

| Road #  | Section # | From  | To    | Length | Road name                 | Dir | Date       | Observer | Reserve Width | Native Vegetation |   | Extent of veg |   | # Species |   | Value as Corridor |   | Adjoining Land use |   | Weeds |   | Conservation Value |    |
|---------|-----------|-------|-------|--------|---------------------------|-----|------------|----------|---------------|-------------------|---|---------------|---|-----------|---|-------------------|---|--------------------|---|-------|---|--------------------|----|
|         |           |       |       |        |                           |     |            |          |               |                   |   |               |   |           |   |                   |   |                    |   |       |   |                    |    |
|         |           |       |       |        | RD                        |     |            |          |               |                   |   |               |   |           |   |                   |   |                    |   |       |   |                    |    |
| 4150151 | 6         | 8.20  | 10.60 | 2.40   | KELLERBERRIN BENCUBBIN RD | N   | 19/09/2003 | KEVIN    | 20            | 0                 | 2 | 0             | 1 | 0         | 0 | 0                 | 2 | 2                  | 2 | 0     | 0 | 2                  | 7  |
| 4150151 | 7         | 10.60 | 12.30 | 1.70   | KELLERBERRIN BENCUBBIN RD | N   | 19/09/2003 | KEVIN    | 20            | 1                 | 2 | 0             | 0 | 0         | 0 | 1                 | 1 | 2                  | 2 | 0     | 0 | 4                  | 5  |
| 4150151 | 8         | 12.30 | 14.35 | 2.05   | KELLERBERRIN BENCUBBIN RD | N   | 19/09/2003 | KEVIN    | 20            | 0                 | 2 | 0             | 1 | 0         | 1 | 0                 | 2 | 2                  | 2 | 0     | 1 | 2                  | 9  |
| 4150152 | 1         | 0.00  | 1.30  | 1.30   | MUKINBUDIN WIALKI RD      | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 2             | 2 | 1         | 1 | 1                 | 1 | 0                  | 0 | 2     | 2 | 8                  | 8  |
| 4150152 | 2         | 1.30  | 10.52 | 9.22   | MUKINBUDIN WIALKI RD      | S   | 13/10/2003 | KEVIN    | 20            | 2                 | 2 | 1             | 1 | 1         | 1 | 1                 | 1 | 2                  | 2 | 1     | 1 | 8                  | 8  |
| 4150158 | 1         | 0.00  | 1.10  | 1.10   | MITCHELL WEST RD          | W   | 13/11/2003 | KEVIN    | 40            | 0                 | 2 | 0             | 2 | 0         | 1 | 0                 | 2 | 2                  | 2 | 2     | 2 | 4                  | 11 |
| 4150158 | 2         | 1.10  | 3.80  | 2.70   | MITCHELL WEST RD          | W   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2             | 2 | 2         | 2 | 2                 | 2 | 2                  | 2 | 2     | 2 | 12                 | 12 |
| 4150158 | 3         | 3.80  | 5.00  | 1.20   | MITCHELL WEST RD          | W   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150158 | 4         | 5.00  | 5.21  | 0.21   | MITCHELL WEST RD          | W   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2             | 2 | 1         | 1 | 2                 | 2 | 2                  | 2 | 2     | 2 | 11                 | 11 |
| 4150161 | 1         | 0.00  | 5.59  | 5.59   | HUCKSTEP RD               | N   | 13/11/2003 | KEVIN    | 40            | 2                 | 2 | 2             | 2 | 2         | 2 | 2                 | 2 | 2                  | 2 | 2     | 2 | 12                 | 12 |

A survey of the roadside conservation values in the Shire of Mt Marshall

# Appendix

## 3



### APPENDIX 3

Road names and lengths: Shire of Mt Marshall (source- Main Roads WA 2003)

| Rd # (MRWA) | Road Name                | Road length (km) |
|-------------|--------------------------|------------------|
| 4150107     | AITKEN RD                | 6.75             |
| 4150129     | ALLEN RD                 | 1.21             |
| 4150022     | ANDREWS TANK RD          | 31.14            |
| 4150121     | ASKEW RD                 | 4.61             |
| 4150039     | AYRES RD                 | 26.36            |
| 4150035     | BARBALIN-KOONKOOBING RD  | 23.01            |
| 4150063     | BARNEY BORE RD           | 24.15            |
| 4150011     | BEACON BACK RD           | 38.96            |
| 4150045     | BEACON GRAIN BIN RD (P)  | 0.10             |
| 4150016     | BEACON ROCK RD           | 26.45            |
| 4150072     | BEAGLEY RD               | 2.21             |
| 4150135     | BECKINGHAM ST            | 0.97             |
| 4150024     | BELL RD                  | 8.81             |
| 4150149     | BENCUBBIN-BEACON RD      | 42.63            |
| 4150002     | BENCUBBIN-GABBIN RD      | 17.29            |
| 4150017     | BENCUBBIN-KUNUNOPPIN RD  | 14.24            |
| 4150009     | BIMBIJY RD               | 96.43            |
| 4150134     | BLIGHT ST                | 0.19             |
| 4150003     | BONNIE ROCK-BURAKIN RD   | 3.24             |
| 4150025     | BOUNDARY RD              | 36.55            |
| 4150102     | BRDBENT ST               | 0.26             |
| 4150036     | BREAKELL RD              | 25.53            |
| 4150154     | BRINDLE ST               | 0.18             |
| 4150057     | BROOKS RD                | 9.71             |
| 4150087     | BROWN ST                 | 0.98             |
| 4150047     | BRUSE RD                 | 5.86             |
| 4150114     | BUNCE RD                 | 16.04            |
| 4150150     | BURAKIN-WIALKI RD        | 51.89            |
| 4150058     | BURNETT RD               | 5.23             |
| 4150105     | CALDERWOOD DR            | 1.16             |
| 4150095     | CANBERRA ST              | 0.16             |
| 4150012     | CLARK RD                 | 25.77            |
| 4150160     | CLARK ST                 | 0.23             |
| 4150133     | CLEARY BIN RD            | 1.02             |
| 4150008     | CLEARY-GABBIN RD         | 45.18            |
| 4150053     | COLLINS BACK RD          | 6.12             |
| 4150030     | COLLINS RD               | 10.59            |
| 4150092     | COLLINS ST               | 0.91             |
| 4150106     | COOK ST                  | 0.90             |
| 4150081     | CRABB RD                 | 13.35            |
| 4150013     | DALGOURING RD            | 27.17            |
| 4150028     | DALGOURING SNAKE SOAK RD | 14.12            |
| 4150094     | DAMPIER ST               | 0.37             |
| 4150112     | DUNNE ST                 | 0.27             |
| 4150077     | EMU PROOF FENCE RD       | 37.78            |
| 4150062     | FAULKNER RD              | 8.99             |
| 4150038     | FELBAR RD                | 11.98            |
| 4150050     | FITZPATRICK RD           | 9.69             |
| 4150116     | GABBABIN RD              | 3.92             |
| 4150123     | GABBIN BIN RD            | 0.85             |
| 4150056     | GABBIN-NARKAL RD         | 4.87             |
| 4150075     | GABBIN-TRAYNING RD       | 20.76            |
| 4150083     | GARDINER RD              | 10.46            |
| 4150033     | GILHAM COOPER RD         | 13.36            |
| 4150019     | GILLETT RD               | 44.45            |
| 4150018     | GOBBART RD               | 7.58             |

| <b>Rd # (MRWA)</b> | <b>Road Name</b>          | <b>Road length (km)</b> |
|--------------------|---------------------------|-------------------------|
| 4150125            | GOODER RD                 | 2.53                    |
| 4150046            | GRANT RD                  | 8.32                    |
| 4150093            | GRANT ST                  | 0.29                    |
| 4150073            | GRAY RD                   | 6.74                    |
| 4150137            | GREEN RD                  | 6.13                    |
| 4150127            | GREENHAM RD               | 10.43                   |
| 4150037            | GRYLLS RD                 | 17.11                   |
| 4150101            | HAMILTON ST               | 0.25                    |
| 4150130            | HAMMOND RD                | 6.76                    |
| 4150086            | HAMMOND ST                | 0.84                    |
| 4150044            | HARDWICK RD               | 5.20                    |
| 4150139            | HEGARTY RD                | 3.05                    |
| 4150021            | HISCOX RD                 | 33.55                   |
| 4150066            | HOGAN RD                  | 2.99                    |
| 4150097            | HOPWOOD ST                | 0.07                    |
| 4150161            | HUCKSTEP RD               | 5.59                    |
| 4150078            | HUXLEY RD                 | 3.42                    |
| 4150006            | INGLETON RD               | 30.98                   |
| 4150080            | JACK RD                   | 10.43                   |
| 4150041            | JOB RD                    | 11.80                   |
| 4150032            | JONES RD                  | 8.43                    |
| 4150108            | JUNK RD                   | 11.12                   |
| 4150151            | KELLERBERRIN-BENCUBBIN RD | 14.35                   |
| 4150115            | KETT RD                   | 4.09                    |
| 4150157            | KIRBY ST                  | 0.26                    |
| 4150132            | KOONKOOBING RD            | 3.44                    |
| 4150122            | KOORDA-BENCUBBIN RD       | 6.09                    |
| 4150145            | KOORDA-BULLFINCH RD       | 47.16                   |
| 4150110            | KUHL RD                   | 8.98                    |
| 4150048            | LACEY RD                  | 2.51                    |
| 4150029            | LANCASTER RD              | 16.18                   |
| 4150131            | LINDEN RD                 | 2.29                    |
| 4150099            | LINDSAY ST                | 1.10                    |
| 4150015            | LONGMUIR RD               | 5.17                    |
| 4150023            | LUCKMAN RD                | 12.80                   |
| 4150128            | MACKENZIES RD             | 11.31                   |
| 4150026            | MANDIGA RD                | 4.10                    |
| 4150005            | MANDIGA-MARINDO RD        | 40.48                   |
| 4150119            | MANDIGA-TRAYNING RD       | 13.29                   |
| 4150040            | MARINDO NORTH RD          | 27.47                   |
| 4150098            | MARSH ST                  | 0.07                    |
| 4150069            | MARSHALL ROCK NORTH RD    | 5.58                    |
| 4150070            | MARSHALL ROCK SOUTH RD    | 4.03                    |
| 4150065            | MATTHEWS RD               | 7.06                    |
| 4150104            | MEDLIN ST                 | 0.33                    |
| 4150109            | MILLAR RD                 | 4.56                    |
| 4150079            | MITCHELL RD               | 31.69                   |
| 4150158            | MITCHELL WEST RD          | 5.21                    |
| 4150146            | MONGER ST                 | 1.14                    |
| 4150042            | MOUROUBA WOOLSHED RD      | 39.50                   |
| 4150010            | MOUROUBRA RD              | 95.25                   |
| 4150117            | MUGGAN GABBY RD           | 5.88                    |
| 4150152            | MUKINBUDIN-WIALKI RD      | 10.52                   |
| 4150118            | MULJI RD                  | 6.66                    |
| 4150091            | MURRAY ST                 | 0.48                    |
| 4150153            | NILSSON ST                | 0.10                    |
| 4150074            | ONEIL RD                  | 0.84                    |
| 4150090            | PADBURY ST                | 0.27                    |
| 4150027            | PAULEY RD                 | 10.00                   |
| 4150049            | PERRY RD                  | 8.88                    |
| 4150061            | POLKINGHORNE RD           | 2.93                    |

| <b>Rd # (MRWA)</b> | <b>Road Name</b>      | <b>Road length (km)</b> |
|--------------------|-----------------------|-------------------------|
| 4150113            | POTTS RD              | 4.55                    |
| 4150096            | POWELL ST             | 0.43                    |
| 4150060            | PROBERT RD            | 8.41                    |
| 4150043            | RED DAM RD            | 9.03                    |
| 4150103            | ROWLANDS ST           | 0.37                    |
| 4150089            | RUPE ST               | 0.27                    |
| 4150068            | SACHSE EAST WEST RD   | 2.30                    |
| 4150067            | SACHSE NORTH SOUTH RD | 8.08                    |
| 4150155            | SCARLETT ST           | 0.12                    |
| 4150020            | SCOTSMAN RD           | 53.63                   |
| 4150138            | SHAW RD               | 1.88                    |
| 4150100            | SHEMELD ST            | 0.25                    |
| 4150156            | SHIPWAY DR            | 0.14                    |
| 4150051            | SPALLY RD             | 0.13                    |
| 4150064            | STONE RD              | 9.97                    |
| 4150055            | SURTEES RD            | 8.78                    |
| 4150141            | UN NAMED RD           | 1.51                    |
| 4150052            | UNNAMED               | 2.13                    |
| 4150071            | UNNAMED               | 4.79                    |
| 4150085            | UNNAMED               | 1.24                    |
| 4150140            | UNNAMED               | 4.06                    |
| 4150034            | UN-NAMED RD           | 1.19                    |
| 4150159            | UN-NAMED RD           | 0.64                    |
| 4150054            | WADDOURING BACK RD    | 10.82                   |
| 4150059            | WALKER RD             | 8.87                    |
| 4150142            | WATSON COURT          | 0.28                    |
| 4150124            | WELBUNGIN BIN RD      | 0.94                    |
| 4150004            | WELBUNGIN SOUTH RD    | 15.45                   |
| 4150007            | WELBUNGIN-WIALKI RD   | 41.64                   |
| 4150144            | WELSH EAST RD         | 1.07                    |
| 4150143            | WELSH RD              | 4.01                    |
| 4150088            | WEYMAN ST             | 0.12                    |
| 4150111            | WHITE RD              | 3.92                    |
| 4150076            | WHITTLE RD            | 5.88                    |
| 4150120            | WHYTE EAST RD         | 5.42                    |
| 4150084            | WHYTE RD              | 4.75                    |
| 4150082            | WIALKI NORTH EAST RD  | 2.86                    |
| 4150031            | WREN RD               | 19.51                   |

# Appendix

## 4

## APPENDIX 4

### Flora species in the Shire of Mt Marshall (W.A Herbarium)

**Note:** not a comprehensive list.

\* = Weed species

P = Priority species

R = Rare species

*Acacia acanthoclada* subsp. *acanthoclada*  
*Acacia acanthoclada* subsp. *glaucescens* ms P3  
*Acacia acuarina*  
*Acacia acuminata*  
*Acacia acuminata* subsp. *acuminata* ms  
*Acacia acuminata* subsp. *burkittii* ms  
*Acacia acutata*  
*Acacia aestivalis*  
*Acacia aff. coolgardiensis*  
*Acacia ancistrophylla* var. *perarcuata* P3  
*Acacia andrewsii*  
*Acacia anthochaera*  
*Acacia ascendens* P2  
*Acacia assimilis*  
*Acacia assimilis* subsp. *assimilis*  
*Acacia beauverdiana*  
*Acacia brumalis*  
*Acacia chrysellia*  
*Acacia cochlocarpa* subsp. *velutinosus* ms P1  
*Acacia colletioides*  
*Acacia consanguinea* ms  
*Acacia coolgardiensis*  
*Acacia coolgardiensis* subsp. *coolgardiensis*  
*Acacia coolgardiensis* subsp. *effusa*  
*Acacia crenulata* ms P3  
*Acacia cylindrica* P3  
*Acacia denticulosa* R  
*Acacia dielsii*  
*Acacia enervia* subsp. *enervia*  
*Acacia enervia* subsp. *explicata*  
*Acacia ericksoniae* ms  
*Acacia erinacea*  
*Acacia fauntleroyi*  
*Acacia fragilis*  
*Acacia gibbosa*  
*Acacia graniticola* ms  
*Acacia hemiteles*  
*Acacia heteroneura* var. *heteroneura*  
*Acacia heteroneura* var. *jutsonii*  
*Acacia heteroneura* var. *prolixa*  
*Acacia inaequiloba*  
*Acacia inceana* subsp. *conformis* P1  
*Acacia intricata*  
*Acacia jennerae*  
*Acacia jibberdingensis*  
*Acacia kalgoorliensis* P3  
*Acacia kochii*  
*Acacia lasiocalyx*  
*Acacia leptopetala*  
*Acacia ligustrina*  
*Acacia longispinea*  
*Acacia mackeyana*  
*Acacia masliniana*  
*Acacia merrallii*  
*Acacia merrickiae* P4  
*Acacia microbotrya*  
*Acacia multispicata*  
*Acacia murrayana*  
*Acacia neurophylla*  
*Acacia neurophylla* subsp. *neurophylla*  
*Acacia nigripilosa* subsp. *nigripilosa* ms  
*Acacia nigripilosa* subsp. *nigripilosa* ms  
*Acacia nyssophylla*  
*Acacia obtecta*  
*Acacia oswaldii*  
*Acacia prainii*  
*Acacia ramulosa*  
*Acacia resinimarginea*  
*Acacia restiacea*  
*Acacia saligna*  
*Acacia sciophanes* R  
*Acacia sclerophylla* var. *sclerophylla*  
*Acacia sessilispica*  
*Acacia signata*  
*Acacia stanleyi* ms  
*Acacia steedmanii*  
*Acacia stereophylla* var. *stereophylla*  
*Acacia subrigida* P2  
*Acacia tetragonophylla*  
*Acacia tratmaniana*  
*Acacia tysonii*  
*Acacia yorkrakinensis* subsp. *acrita*  
*Actinobole uliginosum*  
*Actites megalocarpa*  
*\*Allium ampeloprasum*  
*Allocasuarina acutivalvis*  
*Allocasuarina acutivalvis* subsp. *acutivalvis*  
*Allocasuarina acutivalvis* subsp. *prinsepiana*  
*Allocasuarina campestris*  
*Allocasuarina comiculata*  
*Allocasuarina spinosissima*  
*Alyogyne huegelii*  
*Alyxia buxifolia*  
*Amphipogon strictus*  
*Amyema gibberula* var. *tatei*  
*Amyema miquelii*  
*Amyema preissii*  
*Angianthus micropodioides* P3  
*Angianthus tomentosus*  
*Anthocercis anisantha* subsp. *anisantha*  
*Anthocercis genistoides*  
*\*Arctotheca calendula*  
*Argyrolottis turbinata*  
*Aristida contorta*  
*Arthropodium curvipes*  
*Arthropodium dyeri*  
*\*Asphodelus fistulosus*  
*Asteridea athrixoides*  
*Astroloma serratifolium*  
*Atriplex hymenotheca*  
*Atriplex paludosa* subsp. *baudinii*  
*Atriplex stipitata*  
*Atriplex vesicaria*  
*Austrodanthonia caespitosa*  
*Austrostipa compressa*  
*Austrostipa elegantissima*  
*Austrostipa nitida*  
*Austrostipa trichophylla*  
*\*Avena barbata*  
*\*Avena fatua*  
*Baeckea benthamii* ms  
*Baeckea crispiflora*  
*Baeckea cryptonoma* ms  
*Baeckea elderiana*  
*Baeckea grandibracteata*  
*Baeckea muricata*

*Baeckea recurva* ms  
*Baeckea* sp. Bencubbin-Koorda (M.E. Trudgen 5421)  
*Baeckea tenuiramea*  
*Balaustion pulcherrimum*  
*Beaufortia interstans*  
*Bellida graminea*  
*Blennospora drummondii*  
*\*Borago officinalis*  
*Boronia adamsiana* R  
*Boronia coerulescens* subsp. *spicata*  
*Boronia coerulescens* subsp. *spinescens*  
*Boronia ternata*  
*Boronia ternata* var. *ternata*  
*Borya constricta*  
*Borya sphaerocephala*  
*Bossiaea walkeri*  
*Brachychiton gregorii*  
*Brachyscome iberidifolia*  
*Brachyscome perpusilla*  
*Brachysema subcordatum* P4  
*\*Bromus diandrus*  
*\*Bromus rubens*  
*Brunonia australis*  
*Bursaria occidentalis*  
*Caladenia dimidia* ms  
*Caladenia footeana* ms  
*Caladenia incensa* ms  
*Caladenia roei*  
*Caladenia saccharata*  
*Callistemon phoeniceus*  
*\*Callitris glaucophylla*  
*\*Callitris preissii* subsp. *verrucosa*  
*Calothamnus gilesii*  
*Calothamnus quadrifidus*  
*Calothamnus quadrifidus* var. "unsorted"  
*Calotis multicaulis*  
*Calycopeplus paucifolius*  
*Calytrix breviseta* subsp. *stipulosa*  
*Calytrix depressa*  
*Calytrix gracilis*  
*Calytrix leschenaultii*  
*Calytrix merrelliana*  
*Calytrix plumulosa* P3  
*Calytrix violacea*  
*Centrolepis cephaloformis* subsp. *cephaloformis*  
*Cephalopterum drummondii*  
*Chamaexeros fimbriata*  
*Chamelaucium drummondii* subsp. *hallii* ms  
*Chamelaucium halophilum* ms  
*Chamelaucium micranthum*  
*Chamelaucium pauciflorum* subsp. *thryptomenioides* ms  
*Chamelaucium pauciflorum thryptomenioides* ms  
*Cheilanthes* aff. *austrotenuifolia*  
*Cheilanthes distans*  
*Cheilanthes lasiophylla*  
*Chenopodium cristatum*  
*\*Chenopodium murale*  
*Chondropyxis halophila*  
*Chorizema genistoides*  
*Chrysocoryne trifida*  
*Chthonocephalus pseudevax*  
*\*Citrullus lanatus*  
*Clematis delicata* ms  
*Codonocarpus cotinifolius*  
*Coleanthera myrtoides*  
*Comesperma drummondii*  
*Comesperma integerrimum*  
*Comesperma scoparium*  
*Comesperma volubile*  
*Commersonia pulchella*  
*Conospermum floribundum*  
*Conostephium preissii*  
*Cotula cotuloides*  
*Crassula colorata* var. *colorata*  
*\*Crassula natans* var. *minus*  
*Cratystylis subspinescens*  
*Cryptandra imbricata* ms P3  
*Cryptandra micrantha* ms  
*Cryptandra wilsonii*  
*\*Cucumis myriocarpus*  
*Cullen discolor*  
*\*Cuscuta epithimum*  
*Cyanicula amplexans* ms  
*Cyanostegia angustifolia*  
*Cyanostegia microphylla*  
*Cyanostegia microphylla*  
*Cymbopogon ambiguus*  
*Cyphanthera odgersii* subsp. *occidentalis* R  
*Dactyloctenium radulans*  
*Dampiera eriocephala*  
*Dampiera haematotricha* subsp. *dura*  
*Dampiera juncea*  
*Dampiera lavandulacea*  
*Dampiera linearis*  
*Dampiera luteiflora*  
*Dampiera oligophylla*  
*Dampiera sacculata*  
*Dampiera scaevolina* P1  
*Dampiera stenostachya*  
*Dampiera tenuicaulis* var. *curvula*  
*Dampiera tenuicaulis* var. *tenuicaulis*  
*Dampiera wellsiana*  
*Darwinia purpurea*  
*Daucus glochidiatus*  
*Daviesia benthamii* subsp. *acanthoclona* ms  
*Daviesia hakeoides* subsp. *subnuda* ms  
*Daviesia nematophylla*  
*Dianella revoluta* var. *divaricata*  
*Dichopogon capillipes*  
*Dicrasyllis fulva*  
*Dicrasyllis parvifolia*  
*Didymanthus roei*  
*Diplachne parviflora*  
*Diplolaena velutina*  
*Disphyma crassifolium* subsp. *clavellatum*  
*Dithyrostegia amplexicaulis*  
*Dodonaea adenophora*  
*Dodonaea inaequifolia*  
*Dodonaea larreoides*  
*Dodonaea pinifolia*  
*Dodonaea rigida*  
*Dodonaea viscosa* subsp. *angustissima*  
*Drakonorchis mesocera* ms  
*Drosera andersoniana*  
*Drosera glanduligera*  
*Drosera macrantha* subsp. *macrantha*  
*Drosera subhirtella* subsp. *subhirtella*  
*Drummondita hassellii*  
*Dryandra shanklandiorum* P4  
*Duboisia hopwoodii*  
*Ecdeiocolea monostachya*  
*\*Echium plantagineum*  
*Enchylaena lanata*  
*\*Eragrostis cilianensis*  
*\*Eragrostis curvula*  
*Eragrostis dielsii*  
*Eremophila caperata* ms  
*Eremophila clarkei*  
*Eremophila decipiens*  
*Eremophila decipiens* subsp. *decipiens* ms  
*Eremophila decipiens* subsp. *linearifolia* ms  
*Eremophila drummondii*  
*Eremophila eriocalyx*

*Eremophila forrestii* subsp. *forrestii* ms  
*Eremophila georgei*  
*Eremophila glabra*  
*Eremophila granitica*  
*Eremophila ionantha*  
*Eremophila metallicorum*  
*Eremophila miniata*  
*Eremophila oldfieldii* subsp. *angustifolia* ms  
*Eremophila oppositifolia* subsp. *angustifolia* ms  
*Eremophila oppositifolia* var. *angustifolia* ms  
*Eremophila papillata* ms  
*Eremophila psilocalyx*  
*Eremophila resinosa* R  
*Eremophila scoparia*  
*Eremophila subfloccosa* subsp. *lanata* ms  
*Eremophila virens* R  
*Eremophila viscida* R  
*Eriachne ovata*  
*Eriostemon brucei* subsp. *brucei*  
*Eriostemon coccineus*  
*Eriostemon deserti*  
*Eriostemon nutans* P1  
*Eriostemon rhomboideus*  
*Eriostemon sericeus*  
*Eriostemon thryptomenoides*  
*Eriostemon tomentellus*  
*Erymophyllum glossanthus*  
*Erymophyllum tenellum*  
*Eucalyptus brachycorys*  
*Eucalyptus brevipes* R  
*Eucalyptus burracoppinensis*  
*Eucalyptus calycogona* var. *calycogona*  
*Eucalyptus capillosa* subsp. *polyclada*  
*Eucalyptus celastroides* subsp. *virella*  
*Eucalyptus ceratocorys*  
*Eucalyptus crucis* subsp. *crucis* R  
*Eucalyptus crucis* subsp. *lanceolata*  
*Eucalyptus educta* P2  
*Eucalyptus eremophila* subsp. *eremophila*  
*Eucalyptus ewartiana*  
*Eucalyptus exigua* P3  
*Eucalyptus flocktoniae*  
*Eucalyptus hypochlamydea* subsp. *hypochlamydea* ms  
*Eucalyptus kochii* subsp. *kochii*  
*Eucalyptus kochii* subsp. *plenissima*  
*Eucalyptus leptopoda* subsp. *arctata*  
*Eucalyptus leptopoda* subsp. *leptopoda*  
*Eucalyptus loxophleba* subsp. *lissophloia*  
*Eucalyptus loxophleba* subsp. *loxophleba*  
*Eucalyptus loxophleba* subsp. *supralaevis*  
*Eucalyptus melanoxyton*  
*Eucalyptus myriadena*  
*Eucalyptus myriadena* subsp. *myriadena*  
*Eucalyptus oldfieldii*  
*Eucalyptus oleosa*  
*Eucalyptus orbifolia*  
*Eucalyptus petraea*  
*Eucalyptus rigidula*  
*Eucalyptus rudis*  
*Eucalyptus salicola*  
*Eucalyptus salmonophloia*  
*Eucalyptus salubris*  
*Eucalyptus semivestita* ms  
*Eucalyptus sheathiana*  
*Eucalyptus spathulata* subsp. *spathulata*  
*Eucalyptus stowardii*  
*Eucalyptus striatocalyx*  
*Eucalyptus subangusta*  
*Eucalyptus subangusta* subsp. *pusilla*  
*Eucalyptus subangusta* subsp. *subangusta*  
*Eucalyptus suggrandis* subsp. *alipes*  
*Eucalyptus synandra* R  
*Eucalyptus tenera*  
*Eucalyptus transcontinentalis*  
*Eucalyptus websteriana*  
*Eucalyptus yilgarnensis*  
*Euphorbia tannensis* subsp. *eremophila*  
*\*Euphorbia terracina*  
*Exocarpos aphyllus*  
*Exocarpos sparteus*  
*Frankenia laxiflora*  
*Gahnia drummondii*  
*Gastrolobium bennettsianum*  
*Gastrolobium floribundum*  
*Gastrolobium laytonii*  
*Gastrolobium parviflorum*  
*Gastrolobium spinosum* var. *grandiflorum*  
*Gilberta tenuifolia*  
*Gilruthia osbornei*  
*Glinus lotoides*  
*Glischrocaryon aureum*  
*Glischrocaryon aureum* var. *angustifolium*  
*Glischrocaryon aureum* var. *aureum*  
*Glischrocaryon flavescens*  
*Glycine clandestina*  
*Glycyrrhiza acanthocarpa*  
*Gnephosis tenuissima*  
*Gnephosis trifida*  
*Gompholobium gompholobioides*  
*Gonocarpus confertifolius* var. *helmsii*  
*Goodenia affinis*  
*Goodenia helmsii*  
*Goodenia incana*  
*Goodenia mimuloides*  
*Goodenia perryi* P1  
*Goodenia pinifolia*  
*Goodenia tripartita*  
*Goodenia watsonii* subsp. *watsonii*  
*Goodenia xanthosperma*  
*Granitites intangendus*  
*Grevillea acuaria*  
*Grevillea anethifolia*  
*Grevillea apiculoba* subsp. *apiculoba*  
*Grevillea biformis* subsp. *biformis*  
*Grevillea didymobotrya* subsp. *didymobotrya*  
*Grevillea eremophila*  
*Grevillea eriobotrya* P3  
*Grevillea eryngioides*  
*Grevillea excelsior*  
*Grevillea extorris*  
*Grevillea hakeoides* subsp. *stenophylla*  
*Grevillea haplantha* subsp. *recedens*  
*Grevillea huegelii*  
*Grevillea levis*  
*Grevillea minutiflora* P1  
*Grevillea nana*  
*Grevillea nana* subsp. *abbreviata* P2  
*Grevillea nana* subsp. *nana*  
*Grevillea nematophylla*  
*Grevillea obliquistigma* subsp. *obliquistigma*  
*Grevillea paniculata*  
*Grevillea paradoxa*  
*Grevillea pterosperma*  
*Grevillea rosieri* P2  
*Grevillea shuttleworthiana* subsp. *obovata*  
*Grevillea shuttleworthiana* subsp. *shuttleworthiana*  
*Grevillea teretifolia*  
*Grevillea yorkkrakensis*  
*Guichenotia macrantha*  
*Guichenotia micrantha*  
*Gunniopsis glabra*  
*Gunniopsis quadrifida*  
*Gunniopsis rodwayi*  
*Gunniopsis septifraga*

*Gyrostemon ramulosus*  
*Gyrostemon subnudus*  
*Hakea erecta*  
*Hakea francisiana*  
*Hakea invaginata*  
*Hakea meisneriana*  
*Hakea minyma*  
*Hakea preissii*  
*Hakea recurva* subsp. *recurva*  
*Hakea rigida* ms P2  
*Halgania anagaloides* var. *anagaloides* ms  
*Halgania cyanea*  
*Halgania cyanea* var. *cyanea*  
*Halgania cyanea* var. *latisejala* ms  
*Halgania cyanea* var. *tuberculosa* ms  
*Halgania gustafsenii* var. *compactus* ms  
*Halgania integerrima*  
*Halgania lavandulacea*  
*Halosarcia halocnemoides*  
*Halosarcia halocnemoides* subsp. *catenulata*  
*Halosarcia halocnemoides* subsp. *caudata*  
*Halosarcia indica* subsp. *bidens*  
*Halosarcia leptoclada* subsp. *inclusa*  
*Halosarcia lylei*  
*Halosarcia peltata*  
*Halosarcia pergranulata*  
*Halosarcia pruinosa*  
*Hannafordia bissillii* subsp. *latifolia* ms  
*Hemigenia brachyphylla*  
*Hemigenia dielsii*  
*Hemigenia* sp. *Paynes Find*(A.C.Beaglehole 49138)  
*Hemiphora elderi*  
*Hibbertia* aff. *crassifolia*  
*Hibbertia* aff. *gracilipes*  
*Hibbertia* aff. *rostellata*  
*Hibbertia arcuata*  
*Hibbertia commutata*  
*Hibbertia drummondii*  
*Hibbertia eatoniae*  
*Hibbertia exasperata*  
*Hibbertia glomerata*  
*Hibbertia lividula*  
*Hibbertia rupicola*  
*Hibbertia subvaginata*  
*Homalocalyx coarctatus*  
*Homalocalyx thryptomenoides*  
*Hyalochlamys globifera*  
*Hyalosperma demissum*  
*Hyalosperma glutinosum*  
*Hyalosperma glutinosum* subsp. *glutinosum*  
*Hyalosperma glutinosum* subsp. *venustum*  
*Hybanthus epacroides*  
*Hybanthus floribundus* subsp. *floribundus*  
*\*Hydrocotyle bonariensis*  
*Hypocalymma angustifolium*  
*\*Hypochaeris glabra*  
*Isotoma hypocrateriformis*  
*Isotoma petraea*  
*Isotropis drummondii*  
*Isotropis juncea*  
*Jacksonia arida* ms  
*Jacksonia nematoclada*  
*Jacksonia rhadinoclada*  
*Juncus aridicola*  
*Juncus flavidus*  
*Keraudrenia cacaobrunnea* ms  
*Keraudrenia integrifolia*  
*Kunzea pulchella*  
*Labichea lanceolata*  
*Labichea lanceolata* subsp. *brevifolia*  
*Lachnostachys coolgardiensis*  
*\*Lactuca serriola*  
*\*Lamarckia aurea*  
*Lawrencella davenportii*  
*Lawrencella rosea*  
*Lawrencella squamata*  
*Lechenaultia biloba*  
*Lechenaultia stenosepala*  
*\*Lepidium africanum*  
*Lepidium genistoides* P2  
*Lepidosperma viscidum*  
*Leptomeria preissiana*  
*Leptosema aphyllum* ms  
*Leptosema daviesioides*  
*Leptospermum erubescens*  
*Leptospermum roei*  
*Leucochrysum fitzgibbonii*  
*Levenhookia leptantha*  
*Lobelia heterophylla*  
*Lobelia rarifolia*  
*Lobelia winfridae*  
*Logania flaviflora*  
*Lomandra collina*  
*Lomandra effusa*  
*Lysiana casuarinae*  
*Lysinema ciliatum* forma *Central wheatbelt*(S.Paust 898)  
*Lysiosepalum rugosum*  
*Maireana atkinsiana*  
*Maireana carnosa*  
*Maireana diffusa*  
*Maireana georgei*  
*Maireana thesioides*  
*Maireana tomentosa* subsp. *tomentosa*  
*Maireana trichoptera*  
*Malleostemon roseus*  
*Malleostemon tuberculatus*  
*Mallophora globiflora*  
*Mallophora rugosifolia*  
*Marianthus erubescens*  
*\*Medicago minima*  
*\*Medicago truncatula*  
*Melaleuca acerosa*  
*Melaleuca acuminata* subsp. *acuminata* ms  
*Melaleuca adnata*  
*Melaleuca conothamnoides*  
*Melaleuca cordata*  
*Melaleuca coronicarpa*  
*Melaleuca eleuterostachya*  
*Melaleuca fulgens* subsp. *fulgens*  
*Melaleuca halmaturorum*  
*Melaleuca hamulosa*  
*Melaleuca holosericea*  
*Melaleuca lateriflora* subsp. *lateriflora* ms  
*Melaleuca laxiflora*  
*Melaleuca leiocarpa*  
*Melaleuca macronychia* subsp. *macronychia*  
*Melaleuca pauperiflora* subsp. *fastigiata*  
*Melaleuca platycalyx*  
*Melaleuca radula*  
*Melaleuca sclerophylla* P3  
*Melaleuca* sp. *Wongan Hills*(R.Davis 1959)  
*Melaleuca uncinata*  
*\*Mentha spicata*  
*\*Mesembryanthemum nodiflorum*  
*Microcorys* sp. *Mt Gibson*(S.Patrick 2098)  
*Micromyrtus flaviflora*  
*Micromyrtus obovata*  
*Mirbelia depressa*  
*Mirbelia magentea* ms  
*Mirbelia microphylla*  
*Mirbelia multicaulis*  
*Mirbelia ramulosa*  
*Mirbelia trichocalyx*



*Monachather paradoxus*  
*\*Muehlenbeckia adpressa*  
*Myriocephalus occidentalis*  
*Neosciadium glochidiatum*  
*Neurachne alopecuroidea*  
*Nicotiana cavicola*  
*Olearia dampieri* subsp. *eremicola* ms  
*Olearia humilis*  
*Olearia incondita*  
*Olearia muelleri*  
*Olearia pimeleoides*  
*Olearia propinqua*  
*Olearia stuartii*  
*Opercularia spermacocea*  
*Opercularia vaginata*  
*\*Osteospermum clandestinum*  
*\*Oxalis pes-caprae*  
*\*Parietaria cardiostegia*  
*Patersonia drummondii* subsp. *drummondii* ms  
*\*Pentaschistis airoides*  
*\*Pentzia globifera*  
*Persicaria prostrata*  
*Persoonia angustiflora*  
*Persoonia coriacea*  
*Persoonia inconspicua*  
*Persoonia leucopogon* P1  
*Persoonia saundersiana*  
*Petrophile incurvata*  
*Petrophile pauciflora* ms  
*Petrophile shuttleworthiana*  
*\*Petrophragma velutina*  
*Phebalium canaliculatum*  
*Phebalium drummondii* P1  
*Phebalium filifolium*  
*Phebalium laevigatum* ms  
*Phebalium megaphyllum* ms  
*Phebalium tuberculatum*  
*Phyllota luehmannii*  
*Pimelea aeruginosa*  
*Pimelea angustifolia*  
*Pimelea avonensis*  
*Pimelea imbricata* var. *piligera*  
*Pimelea microcephala* subsp. *microcephala*  
*Pimelea spiculigera* var. *thesioides*  
*Pimelea suaveolens* subsp. *flava*  
*Pittosporum phylliraeoides*  
*Pittosporum phylliraeoides* var. *microcarpa*  
*Pityrodia halganiacea*  
*Pityrodia lepidota*  
*Pityrodia teckiana*  
*Pityrodia terminalis*  
*Plantago debilis*  
*Platysace trachymenioides*  
*Podolepis canescens*  
*Podolepis capillaris*  
*Podolepis lessonii*  
*Podotheca gnaphalioides*  
*Podotheca unisetata* P2  
*Pogonolepis muelleriana*  
*Pogonolepis stricta*  
*\*Polygonum arenastrum*  
*Prasophyllum gracile*  
*Prostanthera althoferi* subsp. *althoferi*  
*Prostanthera campbellii*  
*Prostanthera eckersleyana*  
*Prostanthera magnifica* P4  
*Prostanthera semiteres* subsp. *intricata*  
*Psammomoya choretioides*  
*Pseudactinia* sp. *Bungalbin Hill* (F.H. & M.P. Mollemans P1)  
*Pseudanthus intricatus* ms  
*\*Pseudognaphalium luteo-album*  
*Pterochaeta paniculata*  
*Ptilotus divaricatus* var. *divaricatus*  
*Ptilotus drummondii* var. *drummondii*  
*Ptilotus eriotrichus*  
*Ptilotus exaltatus* var. *villosus*  
*Ptilotus gaudichaudii* var. "unsorted"  
*Ptilotus gaudichaudii* var. *gaudichaudii*  
*Ptilotus holosericeus*  
*Ptilotus obovatus* var. *obovatus*  
*Quinetia urvillei*  
*Regelia cymbifolia* P4  
*Rhagodia drummondii*  
*Rhagodia preissii* subsp. *preissii*  
*Rhodanthe battii*  
*Rhodanthe chlorocephala* subsp. *rosea*  
*Rhodanthe chlorocephala* subsp. *splendida*  
*Rhodanthe citrina*  
*Rhodanthe heterantha*  
*Rhodanthe laevis*  
*Rhodanthe manglesii*  
*Rhodanthe maryonii*  
*Rhodanthe rubella*  
*Rhodanthe spicata*  
*Rhodanthe stricta*  
*Ricinocarpos velutinus*  
*\*Rostraria pumila*  
*Royceya divaricata*  
*Rulingia luteiflora*  
*\*Salsola kali*  
*Santalum acuminatum*  
*Santalum spicatum*  
*Scaevola humifusa*  
*Scaevola restiacea*  
*Scaevola restiacea* subsp. *restiacea*  
*Scaevola spinescens*  
*\*Schismus barbatus*  
*Schoenia cassiniana*  
*Schoenia filifolia* subsp. *filifolia*  
*Scholtzia drummondii*  
*Sclerolaena eurotioides*  
*Sclerolaena fusiformis*  
*Sclerostegia disarticulata*  
*Sclerostegia moniliformis*  
*Senecio glossanthus*  
*\*Senecio lautus*  
*\*Senecio lautus* subsp. *dissectifolius*  
*Senna artemisioides* subsp. *filifolia*  
*Senna artemisioides* subsp. *stricta*  
*Senna cardiosperma* subsp. *flexuosa*  
*Senna cardiosperma* subsp. *stowardii*  
*Senna glutinosa* subsp. *charlesiana*  
*Senna glutinosa* subsp. *chatelainiana*  
*Senna pleurocarpa* var. *angustifolia*  
*Sida calyxhymentia*  
*Siloxerus pygmaeus*  
*\*Sisymbrium irio*  
*Solanum cleistogamum*  
*Solanum hoplopetalum*  
*Solanum lasiophyllum*  
*\*Solanum nigrum*  
*Solanum nummularium*  
*Solanum oldfieldii*  
*\*Sonchus asper* subsp. *glaucescens*  
*\*Sonchus oleraceus*  
*\*Sonchus tenerimus*  
*Spartochloa scirpoidea*  
*Spartothamnella puberula* P2  
*Spiculaea ciliata*  
*Stackhousia monogyna*  
*Stenanthemum pomaderroides*  
*Stenopetalum filifolium*  
*Stipa flavescens*

*Stipa trichophylla*  
*Stipa variabilis*  
*Stylidium calcaratum*  
*Stylidium dielsianum*  
*Stylidium leptophyllum*  
*Stylidium limbatum*  
*Stylidium merrallii* R  
*Stylidium nungarinense*  
*Stylidium piliferum*  
*Stylidium yilgarnense*  
*Stypandra glauca*  
*Swainsona beasleyana*  
*Swainsona colutooides*  
*Swainsona elegans*  
*Templetonia sulcata*  
*Tetratheca efoliata*  
*Thelymitra antennifera*  
*Thelymitra nuda*  
*Thelymitra sargentii*  
*Thelymitra x macmillanii*  
*Thomasia tremandroides*  
*Thryptomene aff. kochii*  
*Thryptomene aspera* subsp. *Gabbin*(S.B.Rosier 368)  
P1  
*Thryptomene aspera* subsp. *Mukinbudin*(N.& P.Moyle  
s.n.) P1  
*Thryptomene aspera* subsp. *Paynes Find*(C.A.Gardner  
11996)  
*Thryptomene australis*  
*Thryptomene kochii*  
*Thryptomene mucronulata*  
*Thysanotus manglesianus*  
*Thysanotus patersonii*  
*Thysanotus pyramidalis*  
*Thysanotus rectantherus*  
*Thysanotus speckii*  
*Trachymene cyanopetala*  
*Trachymene ornata*  
*Tragus australianus*  
*Trichanthodium skirrophorum*  
*Trichodesma zeylanicum*  
*Tricoryne tuberosa* ms P1  
\**Trifolium cherleri*  
\**Trifolium hirtum*  
*Triglochin stowardii* P2  
*Triodia rigidissima*  
*Tripogon loliiformis*  
*Tripterococcus brunonis*  
*Triraphis mollis*  
*Trymalium angustifolium*  
*Trymalium daphnifolium*  
*Urodon capitatus*  
*Urodon dasyphyllus*  
\**Ursinia anthemoides*  
*Velleia cynopotamica*  
*Velleia discophora*  
*Velleia rosea*  
*Verticordia auriculata*  
*Verticordia brachypoda*  
*Verticordia chrysantha*  
*Verticordia chrysanthella*  
*Verticordia insignis* subsp. *compta*  
*Verticordia interioris*  
*Verticordia mitchelliana*  
*Verticordia monadelpha* var. *monadelpha*  
*Verticordia picta*  
*Verticordia pritzelii*  
*Verticordia rennieana*  
*Verticordia roei* subsp. *meiogona* P1  
*Verticordia serrata* var. *serrata*  
*Verticordia venusta* P3  
*Vittadinia gracilis*

\**Vulpia myuros*  
*Waitzia acuminata*  
*Waitzia acuminata* var. *acuminata*  
*Waitzia nitida*  
*Westringia cephalantha*  
*Westringia rigida*  
*Wrixonia prostantheroides*  
*Wurmbea densiflora*  
*Wurmbea tenella*  
*Xanthorrhoea nana*  
*Xerolirion divaricata*  
\**Zaluzianskya divaricata*  
*Zygophyllum apiculatum*  
*Zygophyllum billardierei*  
*Zygophyllum fruticulosum*

# Appendix

## 5

## APPENDIX 5

Fauna species in the Shire of Mt Marshall (source- W.A Museum)

Information provided by Western Australian Museum, Fauna Base, latitude/longitude coordinates -  
29.6166, 118.0500 and -30.9666, 118.5000.

Note- not a comprehensive list.

\* represents an introduced species.

|              |
|--------------|
| BIRD SPECIES |
|--------------|

### Acanthizidae

*Aphelocephala leucopsis castaneiventris*  
*Gerygone fusca fusca*

### Campephagidae

*Coracina novaehollandiae novaehollandiae*

### Charadriidae

*Charadrius rubicollis*  
*Erythrogonys cinctus*

### Climacteridae

*Climacteris rufa*

### Dicruridae

*Grallina cyanoleuca*  
*Rhipidura albicauda*

### Halcyonidae

*Dacelo novaeguineae*

### Megapodiidae

*Leipoa ocellata*

### Meliphagidae

*Lichenostomus leucotis novaenorciae*  
*Lichenostomus ornatus*  
*Melithreptus brevirostris leucogenys*

### Pachycephalidae

*Pachycephala inornata*

### Pardalotidae

*Pardalotus striatus*  
*Pardalotus striatus westraliensis*

### Petroicidae

*Eopsaltria australis griseogularis*

### Psittacidae

*Neophema elegans*  
*Platycercus zonarius*  
*Polytelis anthopeplus anthopeplus*

### Rallidae

*Porzana pusilla palustris*

### Strigidae

*Ninox novaeseelandiae*

**Tytonidae**

*Tyto alba*

*Tyto alba delicatula*

MAMMAL SPECIES

**Dasyuridae**

*Sminthopsis crassicaudata*

*Sminthopsis dolichura*

*Sminthopsis murina*

**Macropodidae**

*Macropus fuliginosus*

*Macropus robustus erubescens*

*Macropus rufus*

**Molossidae**

*Mormopterus planiceps*

*Tadarida australis*

**Muridae**

\**Mus musculus*

*Notomys mitchellii*

*Pseudomys hermannsburgensis*

**Vespertilionidae**

*Chalinolobus gouldii*

*Nyctophilus geoffroyi*

*Vespadelus regulus*

REPTILE SPECIES

**Agamidae**

*Ctenophorus cristatus*

*Ctenophorus maculatus griseus*

*Ctenophorus ornatus*

*Ctenophorus reticulatus*

*Ctenophorus scutulatus*

*Moloch horridus*

*Pogona minor*

*Pogona minor minor*

**Boidae**

*Aspidites ramsayi*

**Elapidae**

*Brachyuropsis semifasciata*

*Demansia psammophis*

*Furina ornate*

*Parasuta gouldii*

*Parasuta monachus*

*Pseudechis australis*

*Pseudonaja modesta*

*Pseudonaja nuchalis*

*Simoselaps berthold*

*Suta fasciata*

*Vermicella bertholdi*

**Gekkonidae**

*Crenadactylus ocellatus*  
*Crenadactylus ocellatus ocellatus*  
*Diplodactylus granariensis*  
*Diplodactylus granariensis granariensis*  
*Diplodactylus maini*  
*Diplodactylus pulcher*  
*Diplodactylus spinigerus*  
*Gehyra variegata*  
*Heteronotia binoei*  
*Nephrurus vertebralis*  
*Oedura reticulata*  
*Underwoodisaurus milii*

**Pygopodidae**

*Delma australis*  
*Delma grayii*  
*Gehyra variegata*  
*Lialis burtonis*  
*Pygopus nigriceps*

**Scincidae**

*Cryptoblepharus plagiocephalus*  
*Ctenotus atlas*  
*Ctenotus mimetes*  
*Ctenotus schomburgkii*  
*Cyclodomorphus melanops elongatus*  
*Egernia inornata*  
*Egernia stokesii badia*  
*Eremiascincus richardsonii*  
*Lerista macropisthopus*  
*Lerista macropisthopus macropisthopus*  
*Lerista Muellerei*  
*Menetia greyii*  
*Morethia butleri*  
*Tiliqua occipitalis*

**Typhlopidae**

*Ramphotyphlops australis*  
*Ramphotyphlops bituberculatus*  
*Ramphotyphlops waitii*

**Varanidae**

*Varanus giganteus*  
*Varanus gouldii*  
*Varanus tristis tristis*

|                         |
|-------------------------|
| <b>AMPHIBIA SPECIES</b> |
|-------------------------|

**Myobatrachidae**

*Crinia pseudinsignifera*  
*Heleioporus albopunctatus*  
*Neobatrachus kunapalari*  
*Neobatrachus sutor*  
*Neobatrachus wilsmorei*  
*Pseudophryne guentheri*

# Appendix

# 6



## ROADSIDE CONSERVATION COMMITTEE

### GUIDELINES FOR MANAGING THE HARVESTING OF NATIVE FLOWERS, SEED AND TIMBER FROM ROADSIDES

#### Preamble

The diversity of values associated with roadside vegetation is well documented and acknowledged. In landscapes that have been extensively cleared, roadside vegetation provides essential wildlife corridors and habitat for local flora and fauna, including a number of threatened species. Hence it is highly desirable that this asset is managed in such a way as to ensure its conservation and sustainability.

The control and management of roadside vegetation is the responsibility of the road manager. Local government authorities, as road managers, are often approached for 'permission' to take various flora products from the roadside. These requests are mainly for wildflowers, native seed and firewood. Other products which may be sought includes material for making didgeridoos, other types of craftwood, and stakes or poles for various purposes.

Although road managers are primarily concerned about the maintenance of the running surface itself, through the implementation of these simple guidelines for the removal of flora and timber material from the roadsides, the vegetated roadside reserve should be maintained for its biodiversity values, and the benefit of the community and road users.

In some instances the Roadside Conservation Committee (RCC) is supportive of the sustainable harvesting of flora, such as salvage (removal of dead material that is not significant wildlife habitat or is material to be destroyed by road works), or the selective collection of seed for revegetation. However, each case should be viewed on its merits and any decision to facilitate harvesting from roadsides should be referred to the Department of Conservation and Land Management (CALM) and/or the RCC for advice. Licences allowing the taking of roadside flora may be issued by CALM when supported by the road managing authority.

#### Legislation

All Western Australian native flora is protected under the *Wildlife Conservation Act 1950*. Native flora includes all parts of a native plant, including its flowers, seed, and timber. Protection of native flora under the Act has the effect of requiring a person to only take (cut or remove) native flora from Crown land under a licence.



Road and rail reserves are Crown land, and hence a licence is required to cut or remove any native flora from a roadside or rail line. There is, however, a legal provision by which the road manager or their agent (contractor) does not require a licence whilst undertaking legitimate road management activities. This provision does not extend to other persons who wish to take protected flora from roadsides.

There are two types of licences that apply to the taking of protected flora from Crown land - Commercial Purposes Licences where the flora is being taken for any commercial purpose, and Scientific or Other Prescribed Purposes Licences where the protected flora is being taken for specific non-commercial purposes.

These licences are issued by CALM. In issuing a licence, CALM is required to be assured that the activity will not compromise the conservation of the flora. In determining this, CALM will seek advice from the land manager for which the application relates to determine the potential impact of the activity, and how the activity relates to the management objectives being applied to that land.

A licence application may be refused if the activity is either a conservation concern, or does not fit in with the management objectives of the road manager. Once issued with a licence, a licensee must comply with the conditions of the licence that are designed to ensure the activity does not adversely impact on the conservation of the flora or the natural environment in which it occurs.

### **Commercial Wildflower Harvesting**

Western Australia is referred to as the '*Wildflower State*', and its wildflowers attract a significant number of tourists each year. Roadside vegetation provides the most accessible, and hence the most commonly viewed, array of wildflowers, and as such are an important feature of regional tourism and can provide a significant financial boost to local economies.

The RCC considers that the flora on roadsides is reserved and maintained for public benefit. It is therefore seen as a contradiction of purpose to allow wildflowers on roadsides to be harvested, particularly for private gain, and this activity should not be permitted.

Wildflower harvesting in many instances detracts from the biodiversity and tourism values of the roadside. It is often the case that flora is harvested from roadsides because of the convenience of access, and harvesters should be directed to find alternative locations.

There are situations where some harvesting may be considered, such as in very wide road reserves where the activity can be screened from road users, but mostly road managers have been discouraged from supporting or allowing such harvesting to occur. If harvesting is to be approved, then the points provided at the end of these guidelines should be considered.

### **Seed Collection**

Throughout much of the south west, revegetation of the native flora is being undertaken to redress the problems that historic clearing has created. Increasingly, this revegetation is aimed at using local native flora so as to recreate the native vegetation to support biodiversity objectives. The paradox is that in many areas the native vegetation has been

cleared to such an extent that adequate sources of native seed cannot be found for undertaking this work. Roadside vegetation may be a source of such seed.

Native seed is an important component of remnant vegetation. It is critical for the regeneration of certain species, called re-seeder species, when plants are either killed by an event, such as fire, storm damage, or die as part of their natural cycle. The maintenance of adequate seed of these species is necessary as a precaution to ensure the sustainability of the flora biodiversity.

Native seed is also an important food source for native fauna living in roadside vegetation, from ants to birds and mammals. The maintenance of this fauna is important for the continuing survival of the vegetation, especially where the fauna is required to pollinate the flora.

When seed is needed for *bona fide* revegetation projects within the local community, and no other source of local seed is available, then the controlling authority may consider giving permission for collection of seed from roadsides. Such collection must be under the appropriate licence issued by CALM and the harvesting should be done in a way that does not endanger the long-term survival of the roadside vegetation.

Where seed collection is to be authorised on roadsides, the road manager should consider the points listed at the end of these guidelines. Specific consideration should be given to the methods that are approved for harvesting the seed, the quantity of seed that may be taken, and the species from which the seed is to be sourced.

### **Timber Harvesting from Roadsides.**

Timber is harvested for a range of reasons, including saw logs, firewood and craftwood. Due to the ease of access, timber harvesters may wish to source timber from roadside vegetation for these purposes.

The RCC seeks to encourage roadside managers to retain timber on roadsides as an important component of the natural habitat, which fulfils ecological, aesthetic and land management functions. The value of fallen logs and branches within the roadside is often not realised, but this material forms an important habitat for many species of insects, reptiles, mammals and birds, thus enhancing the roadside biodiversity. Insects and reptiles that live in fallen timber are also important elements of the food chain, and are very important to the functioning of natural systems, and the survival of many other native animals.

The RCC believes that harvesting of timber from roadsides should not be permitted except in defined road safety, fence line or service clearance zones, or where a tree has fallen, or appears likely to fall into clearance zones.

Where timber removal is to be allowed, consideration should be given to the points raised at the end of these guidelines, especially in relation to safety issues related to timber cutting. Permission to remove timber should be specific to certain sections of roadsides where the removal is necessary for other planned road management purposes.

## Guidelines For Harvesting On Roadsides

- ✓ In all cases the permission of the managing authority, i.e. Main Roads WA, Local Government or CALM, must be sought before native flora is removed from a roadside.
- ✓ Flora removal should be from only designated roads, which have wider vegetated road verges i.e. vegetation width > 3metres
- ✓ The number of operators authorised to remove flora from a roadside should be strictly limited to that which can be sustained and managed. The determination of this is at the judgement of the managing authority, but consideration should be taken of the type of flora being harvested and an evaluation of monitoring of the impact of the harvest activity. Advice may be sought from CALM.
- ✓ Approval for flora harvesting should be for a set period, with a review of the impact and operation before renewal.
- ✓ Approval should also stipulate approved methods of harvesting, the species which may be harvested, and the quantity of material to be taken. Advice on harvest conditions may be obtained from CALM.
- ✓ Any flora removed should not affect the viability of the residual seed bank. It is recommended that no more than 20% of the flowers or seed on a plant should be taken, unless it is in an area that is scheduled to be cleared as part of road management.
- ✓ Methods of harvesting flora should not jeopardise the survival of the plant/tree, unless it is in an area that is scheduled to be cleared as part of road management.
- ✓ The removal of whole plants should be restricted to areas that are scheduled to be cleared as part of road management. Note, some species of flora such as zamia palms and grass trees can not be removed for commercial purposes without a special endorsement on the Commercial Purposes Licence issued by CALM.
- ✓ No flora of special conservation concern (Declared Rare Flora or Priority Flora) should be removed without special authorisation through CALM.
- ✓ No commercial harvesting of any plant product should be allowed for any reason between the markers that delineate a Special Environmental Area.
- ✓ Flora harvesting should be prohibited from designated Flora Roads.
- ✓ Care should be taken that access to Dieback infected areas is limited to the drier months of the year, and vehicular access disallowed.
- ✓ Safety should always be of prime concern and every effort should be made to ensure that personal safety is a key consideration in any harvesting operation.
- ✓ Flora harvesters should not operate from the road side in areas where the vegetation is close to the road, where vehicles can not be safely parked off the road, or where there is poor driver visibility.

# Appendix

## 7



## ROADSIDE CONSERVATION COMMITTEE

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### Guidelines for the Nomination and Management of Flora Roads

#### Introduction

The Flora Roads program began as an initiative of the Roadside Conservation Committee (RCC), as a means of encouraging road managers to protect and conserve roadside vegetation of high conservation value. Flora Roads also highlight areas of high conservation flora as a tourist asset to local communities and are easily identified to passing travellers as areas worthy of an inspection to view the local flora.

The Roadside Conservation Committee has defined Flora Roads as "those roads which have conservation value owing to the vegetation growing within the reserve".



#### Principle Conservation Values of Flora Roads:

- The roadside must contain a significant population of native vegetation. Introduced trees and grasses are not important for conservation.
- The native vegetation must be in as near to its natural condition as possible. In undisturbed vegetation, several layers of plants occur - trees, shrubs and herbs are present in woodlands, for example. If one or more of the expected layers are missing, the conservation value is reduced.
- The roadside may be the only remaining example of original vegetation within a cleared area. It thus:
  - Assists in vegetation mapping and distribution studies
  - Provides a benchmark for study of soil change during agricultural development
  - Provides a source of local seed for revegetation projects
  - Acts as a wildlife habitat for the protection of fauna.
  - Rare or endangered plants may occur on the roadside.
  - May provide nest sites and refuges for native animals.
  - May act as a biological corridor.

#### Identification and Nomination of Flora Roads

The RCC has been coordinating a volunteer roadside survey program since 1989, which provides a list of high conservation value roads within many Shires in the agricultural areas of this state. These roadsides can be investigated further to see if they warrant declaration as a Flora Road. Nevertheless, roadsides that have not been surveyed may still be nominated.

Any person may suggest to the managing authority or to the RCC that a road, or a section of road fits the criteria of a Flora Road. However, only the managing authority in whom care, control and management of the road is vested can officially declare it a Flora Road.

A road may be nominated as a Flora Road by submitting a written request to the RCC.

The RCC requires the following information:

- Endorsement from the managing authority;
- Name of the road, LGA, and the road manager (MRWA, Local Government or DCLM);
- Distance of the proposed Flora Road; and
- Width of the road reserve.

The following information would also be useful:

A survey of the roadside conservation values in the Shire of Mt Marshall

- Photograph(s) of the road;
- A list of the dominant plant species;
- Threats (weeds, disturbances, etc).

This information will be stored in the RCC Flora Roads Register, a database which is maintained by the RCC Technical Officer (Mapping).

### **Establishment of a Flora Road**

Given that only the managing authority can officially declare a road, or section of road as a Flora Road, it is important to have the support of the road manager.

The RCC will provide two Flora Road signs to the managing authority. The signs are in the tourist sign colours of white letters and symbols on a leaf brown background. It is the responsibility of the managing authority to erect the signs, and to provide signposts, auxiliary signs and carry out maintenance. One sign may be placed at each approach to the area.

### **Management Implications**

A standard sign was developed by Main Roads WA in the late 1980's, a policy for the erection of Flora Road signage was developed shortly afterwards. See Appendix 1

Part 16 of the RCC *Roadside Manual* details the establishment and management of Flora Roads. The RCC's *Guidelines for Managing Special Environment Areas in Transport Corridors* and the *Roadside Handbook* also provide information on Flora Road establishment.

The aim of all management should be to minimise any disturbance to the roadside flora, consistent with the provision of a safe and efficient roadway.

The managing authority will be expected to take into consideration the high conservation values present, and take special care when working within the Flora Road road reserve and the surrounding area. More specifically though;

- Council may choose to adopt a policy on Roadside Conservation.
- Environmental assessments (pre-construction checklists) should be completed prior to any upgrade work, to assist with planning for flora preservation.
- Fire Management should be undertaken in such a way so as to take into account the ecological needs of the flora.
- Where rehabilitation is contemplated, local native species should be used.

### **Tourism Implications**

Declared Flora Roads will, by their very nature, be attractive to tourists, and would often be suitable as part of a tourist drive network. Consideration should be given to:

- Promoting the road by means of a small brochure or booklet;
- Eventually showing all Flora Roads on a map of the region or State;
- Using specially designed signs to delineate the Flora Road section; and
- Constructing roadside flora rest areas where people can get out and enjoy the flora. Walk trails could be made from these, and information brochures produced;

### **Flora Road Register**

To ensure that knowledge of Flora Roads sites does not get lost, due perhaps to staff changes, the RCC has established a Flora Roads Register. Information pertaining to each Flora Road (i.e. road name, location, length, etc) will be stored in the Flora Roads database, and updated as necessary.

In order to plan roadworks so that these important areas of roadside vegetation are not disturbed, road managers should also know of these areas. Therefore, it is suggested that the Managing Authority (Shire, MRWA, DCLM) establish a *Register of Roads Important for Conservation* also. This register should be consulted prior to any works being initiated in the area.



**Flora Roads highlight the value of the roadside vegetation present, alerting both travellers and those working in the road reserve of the high conservation values present.**

Photo D. Lamont