

Revegetation case study

Corridor – mixed species across the landscape

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NOT TO SCALE

Landscape Goal

To reconstruct habitat within the Wallatin Creek Catchment by protecting areas of high conservation value and then to build outwards from these with the aim of providing adequate habitat and maximising the connectivity of the landscape.

Nature Conservation - Objective(s)

To create a corridor that connects existing small remnants to the larger York gum jam remnant.

Sustainable Agriculture - Objective(s)

To protect vulnerable sandplain soils from wind erosion and increase water use on the high recharge sandplain soils.

29 November, 2000



Draft only

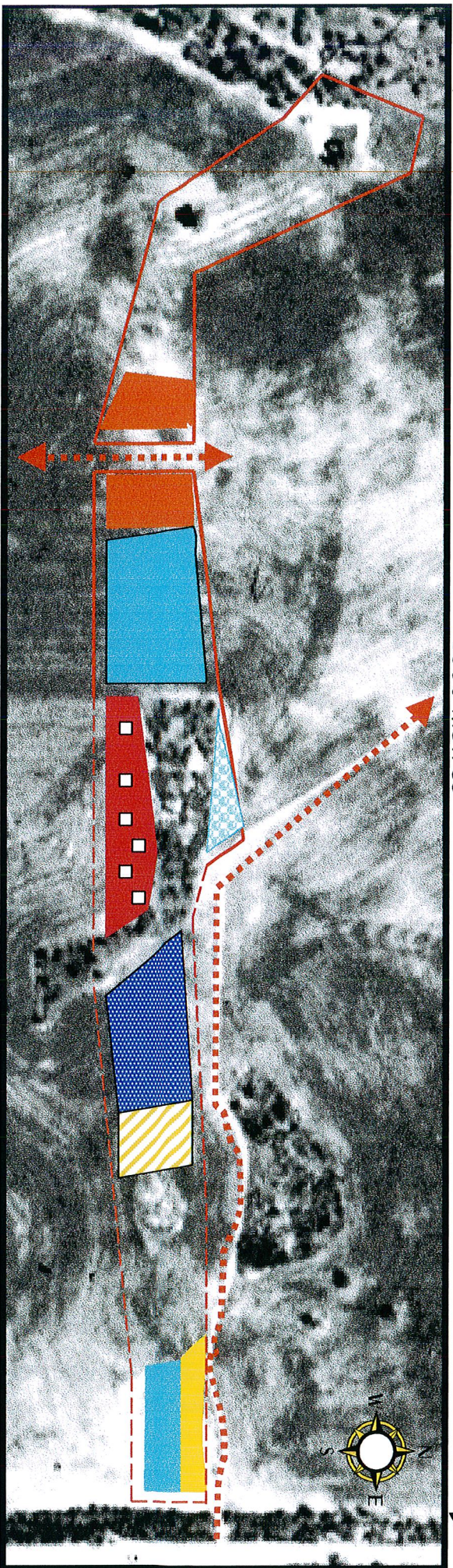


CORRIDOR PLANTING DESIGN

Day 1

1360 metres

-  Access track
-  Revegetation boundary
-  Unfenced revegetation boundary



100 m

Mallee

1.5 ha = 1920 seedlings

- 300 Eucalyptus eremophila /5 trays
 - 360 E. erythronema /5
 - 300 E. sheathiana /5
 - 240 Allocasuarina humilis /4
- Patch 13 x 15m (120 / patch)
- 360 Allocasuarina humilis /3 patches
 - 360 Calothamnus quadrifidus /3
- 1920

Heath

2.6 ha = 2717 seedlings

- ### Yellow sandplain heath
- 16 Acacia 44 /1
 - 138 Acacia rigida /3
 - 120 Allocasuarina huegeliana /2
 - 240 Allocasuarina humilis /4
 - 38 H. incrassata /1
 - 120 H. platysperma /1
 - 60 H. trifurcata /1
 - 60 Eremæa pauciflora /1
 - 78 Xylomelum angustifolium /3
- 870

Gravelly sand heath

- 15 Acacia multispicata /1
- 333 Allocasuarina acutivalvis /5
- 240 Allocasuarina humilis /4
- 300 Calothamnus quadrifidus /5
- 240 Eucalyptus burreacoppinensis /4
- 112 Hakea cygna /1.8
- 35 H. erecta /1
- 104 H. scoparia /2
- 48 Isopogon dubius /2
- 60 Melaleuca platycalyx /1

Thicket

360 Allocasuarina campestris /6 trays

- 27 Melaleuca uncinata /5 trays

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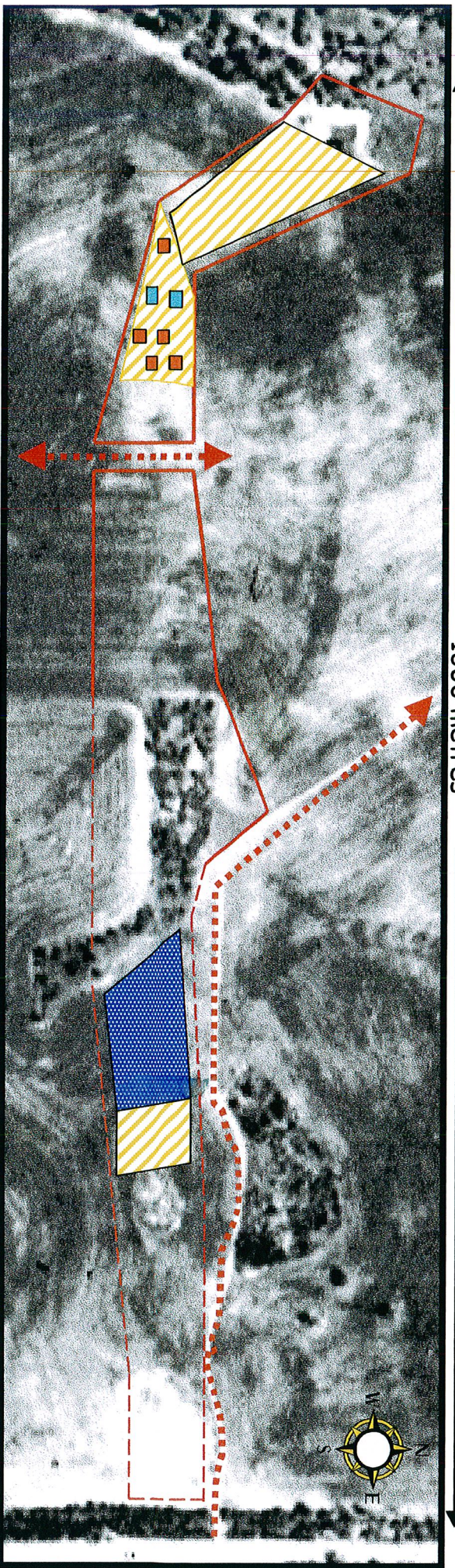
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CORRIDOR PLANTING DESIGN

Day 2

1360 metres


-  Access track
-  Revegetation boundary
-  Unfenced revegetation boundary





100 m

White Gum Woodland

7.65 ha = 5029 seedlings

-  2100 Eucalyptus capilliosa / 35
- 240 E. transcantionalis / 4
- 360 E. subangusta / 6
- 152 Acacia acuarria / 3
- 300 A. acuminata / 7
- 17 A. lasiocarpa / 1
- 120 Allocasuarina campestris / 2
- 240 Calothamnus quadrifidus / 4
- 676 Melaleuca uncinata / 12
- 4205

Patch 13 x 10m (120 / patch)

-  600 Melaleuca laxiflora / 5 patches
-  224 Melaleuca uncinata / 2


Planting Patterns (Trays)

- E. capilliosa 10, Calothamnus quadrifidus 4, E. subangusta 3 = 17
- E. capilliosa 7, Melaleuca uncinata 7, E. subangusta 3 = 17
- E. capilliosa 6, Acacia acuarria 3, Mel. uncinata 5 = 14
- E. capilliosa 2, A. lasiocarpa 1, Allo. campestris 2 = 5
- E. capilliosa 10, A. acuminata 7, E. transcantionalis 4 = 21

Agro-ploughed & Air seeded.

Direct Seed - Mallee

1.5 ha = 17889

-  Eucalyptus burracopinensis 349
- E. capilliosa 609
- E. eremophila 5309
- E. erythronema 4509
- E. leptopoda 229
- E. sheathiana 2009
- E. transcantionalis 2289
- Melaleuca cordata 249
- M. laxiflora 1009
- M. platycalyx 29
- Calothamnus quadrifidus 689
- Eremaea pauciflora 709

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