

AREA INFORMATION

System 6 Area (C or M) or Update Area (Update) *GINGAIN 1*

Conservation Area
Nature Reserve
Reserve No
National Park
Reserve No
Local Government
Reserve No
Other
Proposed Conservation Areas
Local Government
Reserve No
Other <i>Lot & location 1371 PRIVATE</i>

Conservation Area

Nature Reserve
Reserve No
National Park
Reserve No
Local Government
Reserve No
Other

TOTAL AREA

Bushland Area	hectares
Completely Degraded	

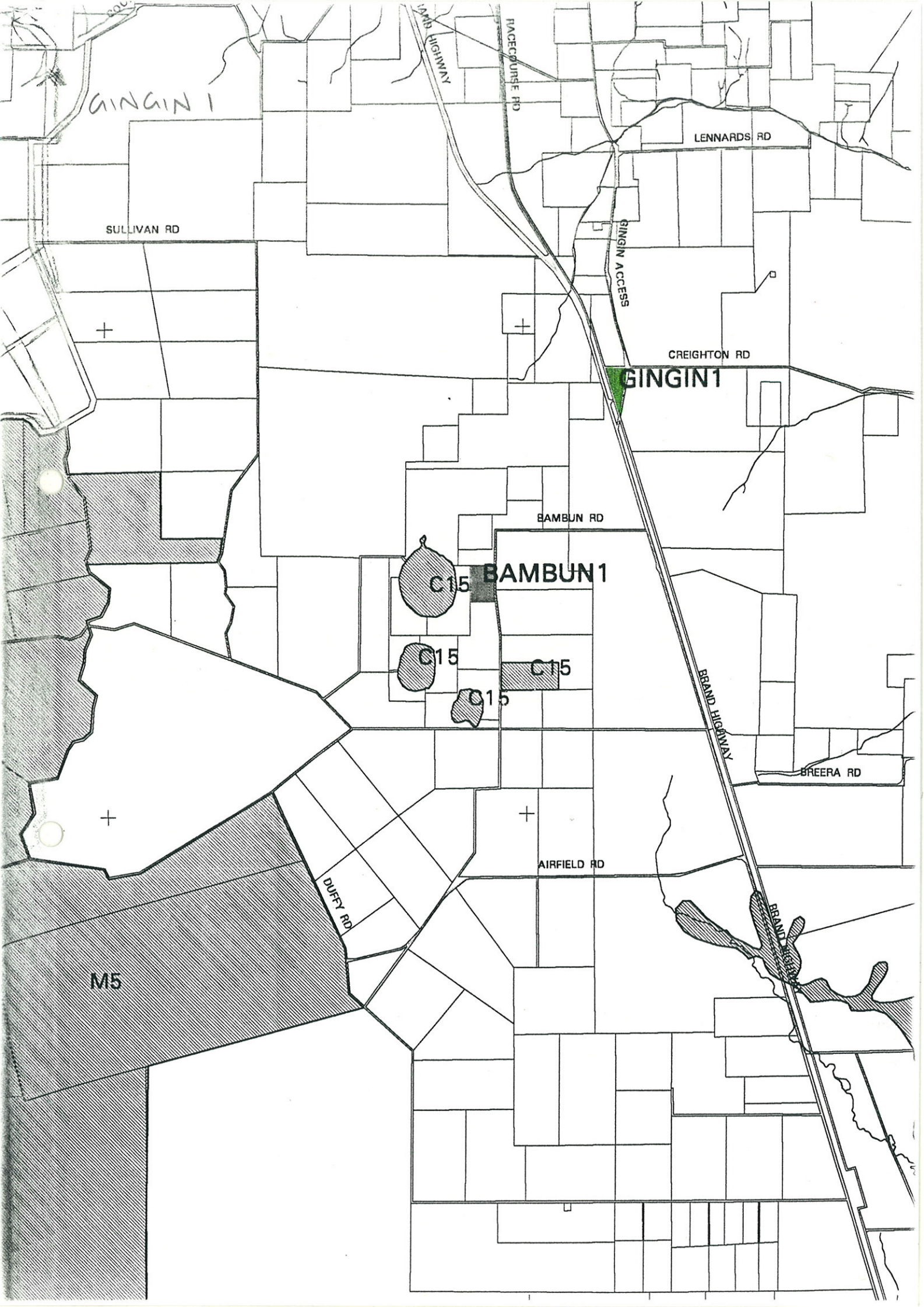
AREA MAPPED FLORISTIC UNITS

Units	Site (Condition)	Code	<i>G : GINGAIN</i>	Bound	Area (ha)
<i>7</i>	<i>01</i>	<i>02</i>	<i>03</i>		

Boundaries determined by use of

aerial photograph
orthophoto
vegetation map
soil map

YANCHER Calm map



GINGIN 1

SULLIVAN RD

LENNARDS RD

FACECOURSE RD

GINGIN ACCESS

CREIGHTON RD

GINGIN 1

BAMBUN RD

BAMBUN 1

C15

C15

C15

C15

BREERA RD

AIRFIELD RD

BRAND HIGHWAY

DUFFY RD

M5

BRAND

CONTACT DR N. GIBSON CALM WOODVALE for further information.

Flora list for Gingin1 (extracted from Swan Coastal Plain database, Gingin01-03, 102 taxa, 25/5/1995).

Department of Environmental Protection System 6 Update: Site Based Flora List Gingin1

(extracted from the CALM Swan Coastal Plain database, Gingin01-03, 100 taxa, 25/5/95)

Anthericaceae

- Caesia micrantha
- Dichopogon preissii
- Thysanotus manglesianus

Apiaceae

- Eryngium pinnatifidum subsp. "palustre" scps map
- Homalosciadium homalocarpum
- Hydrocotyle alata
- Hydrocotyle callicarpa
- Hydrocotyle diantha
- Schoenolaena juncea

Asteraceae

- Angianthus preissianus
- Blennospora drummondii
- Brachyscome bellidioides
- Cotula cotuloides
- Gnephosis tenuissima - drummondii complex
- * Hypochaeris glabra
- Millotia myosotidifolia
- Millotia tenuifolia
- Podolepis gracilis
- Podolepis gracilis swamp (GJK 13126)
- Podotheca angustifolia
- Pogonolepis stricta
- Quinetia urvillei
- Rutidosis multiflora
- Siloxerus humifusus
- * Sonchus oleraceus
- * Ursinia anthemoides

Casuarinaceae

- Casuarina obesa

Centrolepidaceae

- Aphelia cyperoides
- Brizula nutans
- Centrolepis alepyroides
- Centrolepis aristata
- Centrolepis drummondiana
- Centrolepis mutica
- Centrolepis pilosa
- Centrolepis polygyna

Chenopodiaceae

- Sarcocornia quinqueflora

Colchicaceae

- Burchardia bairdiae
- Wurmbea dioica subsp. alba

Cuscutaceae

CONTACT DR N. GIBSON CALM WOODVALE for further information.

Flora list for Gingin 1 (extracted from Swan Coastal Plain database, Gingin01-03, 102 taxa, 25/5/1995).

- * *Cuscuta epithymum*

Cyperaceae

- Isolepis cernua*
- * *Isolepis marginata*
- Isolepis setiformis*
- Lepidosperma longitudinale*
- Schoenus elegans*
- Schoenus humilis*
- Schoenus odontocarpus*
- Schoenus rigens*
- Schoenus* sp. 2 (GJK 5739) scps
- Schoenus unispiculatus*

Dasypogonaceae

- Lomandra micrantha*

Droseraceae

- Drosera gigantea*
- Drosera glanduligera*
- Drosera menziesii*
- Drosera ramellosa*

Gentianaceae

- * *Centaurium erythraea*
- * *Cicendia filiformis*

Goodeniaceae

- Goodenia micrantha*
- Velleia trinervis*

Haemodoraceae

- Anigozanthos viridis*
- Haemodorum sparsiflorum*
- Tribonanthes* aff. *violacea* scps
- Tribonanthes australis*
- Tribonanthes violacea*

Iridaceae

- * *Romulea obscura*
- * *Romulea rosea*
- * *Romulea rosea* var. *australis*

Juncaceae

- * *Juncus bufonius*
- * *Juncus capitatus*

Juncaginaceae

- Triglochin calcitrapum*
- Triglochin centrocarpum*
- Triglochin mucronatum*
- Triglochin procerum*

Lobeliaceae

- Isotoma scapigera*
- * *Monopsis debilis*

Myrtaceae

- Kunzea littericola "white" scps
- Kunzea recurva
- Melaleuca raphiophylla
- Melaleuca viminea
- Verticordia densiflora

Orchidaceae

- Thelymitra antennifera

Papilionaceae

- Isotropis cuneiformis subsp. "glabra" scps map
- Jacksonia furcellata
- * Lotus suaveolens
- * Trifolium cernuum

Philydraceae

- Philydrella pygmaea

Poaceae

- * Aira caryophyllea
- * Briza maxima
- * Briza minor
- * Lolium rigidum
- * Pentaschistis airoides
- * Polypogon monspeliensis
- * Vulpia bromoides

Portulacaceae

- Calandrinia sp. scps

Primulaceae

- * Anagallis arvensis
- Samolus junceus

Restionaceae

- Leptocarpus coangustatus

Scrophulariaceae

- * Parentucellia viscosa

Selaginellaceae

- Selaginella gracillima

Stylidiaceae

- Stylidium ecorne
- Stylidium petiolare

GINGINI INTERIM PROTECTION AREA

extracted from Keighery, B.J. and Trudgen, M. (1992) Remnant Vegetation on the Alluvial Soils of the Eastern Side of the Swan Coastal Plain

Location 127- Bushland between Brand Hwy and southern t/o to GinGin. Location Map 1. Vegetation Map Area 17, p83.

Veg: c LW, me Sc, H, S, sm LSh

Cond: Good to Poor

GENERAL COMMENTS

An area of just 5ha, with great diversity in a small area which is difficult to map accurately and is best described as a mosaic of vegetation associations, these being *Melaleuca raphiophylla* and *Melaleuca viminea* High Open Shrubland, *Casuarina obesa* Low Open Forest to Low Open Woodland, Samphire Low Shrubland, Sedgeland and Herblands.

The Location is generally in Good to Poor Condition with some patches of Severe Localised Disturbance. There has been substantial soil disturbance in the whole Location but the vegetation has been able to maintain itself around these areas. To the south is another small area of *Casuarina* Woodland but this is being filled with rubble and being completely alienated.

The suckering of *Casuarina obesa* at the site after what appears to be disturbance by fire and clearing indicates that when the Herblands are lost the density of the *Casuarina obesa* increases.

Site 127a

me Sc *Melaleuca raphiophylla* and *Melaleuca viminea* High Open Shrubland over Herbland and annual Sedgeland

Trees: Adjacent: *Casuarina obesa*

Shrubs: *Melaleuca raphiophylla*, *Melaleuca viminea*, *Jacksonia furcellata*, 4#*Kunzea recurva*, *Hakea varia*

Grasses: **Briza maxima*, misc exotic species

Herbs: 6#*Isotropis* aff. *cuneifolia*, 6#*Burchardia bairdii*, *Tribonanthes australis*, 3,6#*Eryngium pinnatifidum* ssp. 'palustris', 6#*Podolepis gracilis* 'pink', 2,5#*Tribonanthes* sp, *Wurmbea dioica*, *Drosera menziesii*, *Borya scirpoidea*, *Brachycome iberidifolia*, 5#*Stylidium ecorne*, **Lotus angustissimus*, **Ursinia anthemoides*, **Hypochaeris glabra*, **Romulea rosea*

Sedges: *Leptocarpus coangustatus*, *Leptocarpus canus*, *Isolepis marginata*, *Schoenus odontocarpus*, *Centrolepis aristata*, *Centrolepis polygyna*, *Triglochin calcitrapa*

CONDITION

Rating Good to Very Good

Comments: Adjacent areas substantially more weed invaded, weeds in site significant, a patches of **Lotus angustissimus* 70% cover but generally about 2%.

Aerial Photo GG : 25 5022

Soils: clay over ironstone, GinGin Brook Complex (McArthur, 1980), Yanga (Churchward and McArthur, 1980)

Drainage: poor, waterlogged

Aspect: flat

Site 127b

c LW *Casuarina obesa* Low Open Forest to Woodland over Closed Herbland

Trees: *Casuarina obesa*

Shrubs: 4#*Kunzea recurva*

Grasses: **Ehrharta longiflora*, misc exotic species

Herbs: 6#*Burchardia bairdii*, 6#*Podolepis gracilis* 'pink', *Wurmbea dioica*, *Brachycome iberidifolia*, 5#*Stylidium ecorne*, **Ursinia anthemoides*, **Romulea rosea*

In similar vegetation association: 4#*Arthropodium preissii*, 4#*Dampiera coronata*, *Drosera ramellosa*, *Microtis alba*

Sedges: *Triglochin procera*

CONDITION

Rating Poor

Comments: Herbland substantially weed invaded **Romulea rosea*, **Ehrharta longiflora* and misc exotic species. cover to 70%. The area has been disturbed in the process of ironstone removal. and a series of ponds form each year from water off the road and the Location.

Aerial Photo GG : 25 5022

Soils: dark grey clay, GinGin Brook Complex (McArthur, 1980), Yanga (Churchward and McArthur, 1980)

Drainage: poor, waterlogged, adjacent man made pond

Aspect: flat

Site 127c

c LW *Casuarina obesa* Low Open Woodland over *Sarcocornia quinqueflora*
Low Shrubland over Herbland

Trees: *Casuarina obesa*

Shrubs: *Sarcocornia quinqueflora*

Grasses: **Briza maxima*, **Briza minor*, misc exotic species

Herbs: 6#*Isotoma scapigera*, 6#*Tribonanthes* sp, 5#*Pogonolepis stricta*, *Cotula australis*, *Siloxerus humifusus*, **Romulea rosea*

Sedges: *Isolepis cernua*, *Schoenus humifusus*, *Centrolepis aristata*, *Triglochin mucronata*, *Centrolepis polygyna*

CONDITION

Rating Good to Very Good

Comments: Adjacent areas substantially more weed invaded, weeds in site significant, a patches of **Lotus angustissimus* 70% cover but generally about 2%.

Aerial Photo GG : 25 5022

Soils: clay over ironstone, GinGin Brook Complex (McArthur, 1980), Yanga (Churchward and McArthur, 1980)

Drainage: poor, waterlogged, ?salt

Aspect: flat

Department of Environmental Protection System 6 Update: Site Based Flora List for Hartfield Park
(Hart01, B.J. Keighery, 19/2/96)

Anthericaceae

Caesia occidentalis
Thysanotus patersonii
Thysanotus sparteus
Tricoryne tenella

Caesalpinaceae

Labichea punctata

Casuarinaceae

Allocasuarina fraseriana
Allocasuarina humilis

Colchicaceae

Burchardia umbellata

Cyperaceae

Mesomelaena pseudostygia
Mesomelaena tetragona
Tetraria octandra

Dasypogonaceae

Dasypogon obliquifolius
Kingia australis
Lomandra preissii

Dilleniaceae

Hibbertia aff helianthemoides scps map
Hibbertia huegelii
Hibbertia hypericoides

Droseraceae

Drosera erythrorhiza
Drosera menziesii subsp. penicillaris

Euphorbiaceae

Monotaxis grandiflora
Stachystemon vermicularis

Persoonia saccata
Petrophile linearis
Petrophile macrostachya
Stirlingia latifolia
Synaphea spinulosa

Restionaceae

Alexgeorgea nitens
Loxocarya fasciculata

Rutaceae

Eriostemon spicatus

Stylidiaceae

Stylidium carnosum
Stylidium piliferum

Thymelaeaceae

Pimelea sp. scps

Xanthorrhoeaceae

Xanthorrhoea drummondii

Department of Environmental Protection System 6 Update: Site Based Flora List for Hartfield Park

(Hart02, B.J. Keighery, 19/2/96)

Cupressaceae

Actinostrobus pyramidalis

Cyperaceae

Mesomelaena tetragona
Schoenus rodwayanus

Dasyogonaceae

Dasyogon bromeliifolius
Kingia australis

Haemodoraceae

Conostylis aculeata
Haemodorum sp. scps
Phlebocarya ciliata
Tribonanthes australis

Iridaceae

Patersonia occidentalis

Lauraceae

Cassytha racemosa

Myrtaceae

Hypocalymma angustifolium
Melaleuca sp. B FPR (BJK&NG 054)
Pericalymma ellipticum
Verticordia densiflora

Orchidaceae

Prasophyllum sp. APB (Forrestfield) scps

Papilionaceae

Eutaxia virgata
Nemcia reticulata

Proteaceae

Dryandra nivea
Hakea auriculata

Department of Environmental Protection System 6 Update: Site Based Flora List for
Hartfield Park
(Hart03, B.J. Keighery, 19/2/96)

Centrolepidaceae

Brizula sp. scps

Cyperaceae

Schoenus elegans
Schoenus rodwayanus

Lauraceae

Cassytha racemosa

Myrtaceae

Astartea aff. fascicularis sthst
Calothamnus hirsutus
Hypocalymma angustifolium
Melaleuca viminea
Pericalymma ellipticum
Verticordia densiflora
Verticordia lindleyi

Papilionaceae

Eutaxia virgata

Poaceae

* Vulpia sp. scps

Portulacaceae

Calandrinia sp. scps

Restionaceae

Leptocarpus aristatus
Leptocarpus coangustatus

Department of Environmental Protection System 6 Update: Site Based Flora List for Hartfield Park

(Hart04, B.J. Keighery, 19/2/96)

Anthericaceae

Thysanotus arbuscula
Thysanotus patersonii
Tricoryne tenella

Apiaceae

Trachymene pilosa

Asteraceae

* Hypochaeris glabra
Millotia tenuifolia
Siloxerus humifusus
* Sonchus oleraceus
* Ursinia anthemoides

Campanulaceae

Wahlenbergia preissii

Casuarinaceae

Allocasuarina humilis

Centrolepidaceae

Centrolepis drummondiana

Colchicaceae

Burchardia congesta

Crassulaceae

Crassula pedicellosa

Cyperaceae

Lepidosperma sp. scps
Mesomelaena pseudostygia
Schoenus curvifolius
Tetraria octandra

Dasypogonaceae

Calectasia cyanea
Dasypogon obliquifolius

Papilionaceae

Bossiaea eriocarpa
Daviesia horrida
Daviesia triflora
Gompholobium scabrum
Gompholobium tomentosum
Jacksonia densiflora

Pittosporaceae

Pronaya fraseri

Poaceae

* Aira caryophyllea
Amphipogon turbinatus
* Briza maxima
Stipa macalpinei
Stipa sp. scps

Proteaceae

Banksia attenuata
Banksia menziesii
Isopogon drummondii
Petrophile divaricata
Petrophile linearis
Stirlingia latifolia
Synaphea spinulosa

Restionaceae

Alexgeorgea nitens
Loxocarya flexuosa

Rutaceae

Eriostemon spicatus

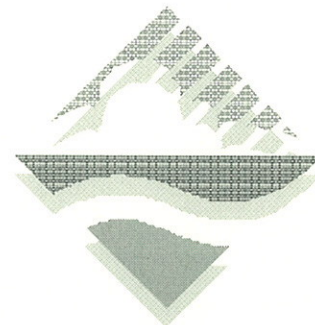
Solanaceae

* Solanum nigrum

Stylidiaceae

Stylidium calcaratum
Stylidium repens

Facsimile Message



TO: VAL ENGLISH

FAX NO: 9306 1641

FROM: BRONWEN KEIGHERY
Policy Co-ordination

DATE: November 21, 1997

TELEPHONE: 9222 7028

PAGES: FIVE (following)

Val
This is the five pages
you should have reviewed
last time.

Bronwen

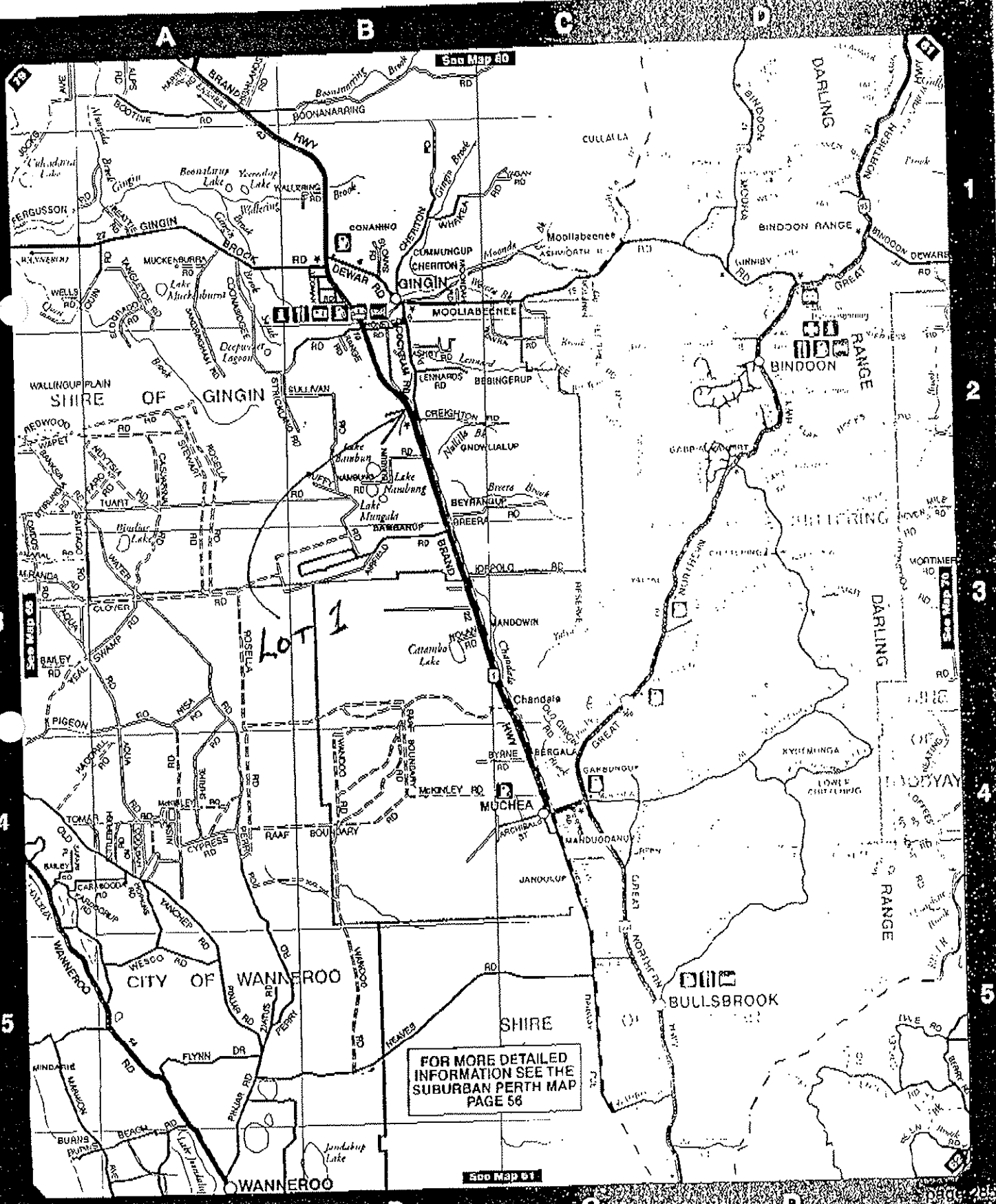
1/12/97

MAP 69

IF YOU ARE TIRED, STOP AND REST - DRIVER FATIGUE CAN KILL

For all road condition reports, ring Main Roads Information line 1800 133 314
For other matters concerning the main Roads network please call the Customer Service Manager,
Main Roads Wheatbelt North Regional Office on (096) 224 777

Scale 1:50,000
1:100,000
1:200,000



FOR MORE DETAILED
INFORMATION SEE THE
SUBURBAN PERTH MAP
PAGE 56

500 Map 61

Ginsin 'Interim Protection Area'
5/7/95



Gingin Interim Protection Area
5/7/95



WILD 1574-BAGA
Nr 13037 152.72

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8161 09 52 10 12 156200 000000

5242

WA 2826(C) COASTAL WETLANDS AREA "A" RUN 27A (5201-5243) 1:20000 18.12.89 890121