

CONNELL AVENUE BUSHLAND, KELMSCOTT

Boundary Definition: protected area boundary

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 61

Area (ha): bushland 19.9

Map no. 61

Map sheet series ref. no. 2133-IV NW

Other Names: Submission Area 243 and 273; Location 48 (Keighery, BJ, and Trudgen 1992)

Local Authorities (Suburb): City of Armadale (Kelmescott)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Foothills

Colluvial Deposits (Qc: Csg)

Yoganup Formation (Qpr: S12)

VEGETATION AND FLORA

Vegetation Complexes

Foothills

Forrestfield Complex (Ridge Hill Shelf, Darling Plateau)

Pinjarra Plain

Swan Complex

Floristic Community Types: *not sampled, types inferred (wetland unit unable to be inferred)

Supergroup 1: Foothills/Pinjarra Plain

*S8 *Eucalyptus wandoo* woodlands (Scarp)

Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

*20b Eastern *Banksia attenuata* and/or *Eucalyptus marginata* woodlands

WETLANDS

Wetland Types: dampland (Keighery, BJ, and Trudgen 1992)

Wetland Management Objectives: Conservation (0.97ha)

THREATENED ECOLOGICAL COMMUNITIES

Not assessed, Not determined, Endangered (floristic community type 20b)

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated uplands, vegetated wetland

Vegetation and Flora: limited survey (DEP 1998, Keighery, BJ, and Trudgen 1992)

Structural Units: mapping (Keighery, BJ, and Trudgen 1992)

Uplands: *Eucalyptus marginata* and *Allocasuarina fraseriana* Woodland; *Eucalyptus wandoo* Low Open Woodland; *Jacksonia sternbergiana* Open Scrub

Wetlands: *Eucalyptus rudis* Woodland over *Melaleuca preissiana* Open Forest; *Melaleuca raphiophylla* High Open Shrubland

Vegetation Condition: >75% Very Good to Excellent, <25 % Good to Degraded, with areas of severe localised disturbance

Total Flora: not known

Significant Flora: *Eucalyptus marginata* subsp. *elegantella* (2)

Fauna: not known

Linkage: adjacent bushland east to the Darling Range Regional Park (DPUD 1993) and west, bushland/canopy to the Canning River (Site 246); part of Greenway 71 (Tingay, Alan & Associates 1998a); part of a regionally significant contiguous bushland/wetland linkage (Part A, Map 7)

Other Special Attributes: One of few areas in the PMR where the Plain and the Darling Scarp and Plateau meet through naturally vegetated areas; recommended to be managed as a flora conservation area (Keighery, BJ, and Trudgen 1992); Threatened or Poorly Reserved Plant Community (EPA 1994 GIS); included in Darling Range Regional Park (MfP 1995); Category Two Area Middle Canning Catchment Study (Evangelisti & Associates *et al.* 1995); contains plant communities representative of the eastern side of the Swan Coastal Plain

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Not listed

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities, Rarity, Maintaining ecological systems or natural processes, Scientific or evolutionary importance, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation

Recommendation: Site with Some Existing Protection; Existing Parks and Recreation Reserve. The purpose of the reserve should be amended to include conservation and appropriate mechanisms applied in consultation with the management body (see Table 3, Volume 1).

CONNELL AVENUE BUSHLAND, KELMSCOTT

Boundary Definition: protected area boundary

SECTION 1: CADASTRAL INFORMATION

(Lots, locations and derived information to be updated in the public submission period)

Bushplan Site no. 61 **Map no.** 70 **Map sheet series ref. no.** 2133-IV NW

Other Names

Submission Area 243 and 273; Location 48 (Keighery, BJ, and Trudgen 1992)

Local Authorities (Suburb)

City of Armadale (Kelmescott)

Area (ha): total 20.4; bushland 19.9

Zoning

MRS: Parks and Recreation

TPS: Landscape

Lot/Location/Reserve numbers (Purpose),

Street name

290 Connell Ave; 290 Turner Rd

Ownership Categories

State Government

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Foothills

Colluvial Deposits (Qc: Csg)

Yoganup Formation (Qpr: S12)

VEGETATION AND FLORA

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Floristic Community Types: *not sampled, types inferred (wetland unit unable to be inferred)

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Supergroup 3: Uplands centred on Bassendean Dunes and Dandaragan Plateau

*20b Eastern *Banksia attenuata* and/or *Eucalyptus marginata* woodlands

WETLANDS

Wetland Types: dampland (includes wetlands not previously described, Keighery, BJ, and Trudgen 1992)

Wetland Management Objectives: Conservation

THREATENED ECOLOGICAL COMMUNITIES

Not assessed, Not determined, Endangered (floristic community type 20b)

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: vegetated uplands, vegetated wetland

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Vegetation Condition: >75% Very Good to Excellent, <25 % Good to Degraded, with areas of severe localised disturbance

Total Flora: not known

Significant Flora: *Eucalyptus marginata* subsp. *elegantella* (2)

Fauna: no known information

Linkage: adjacent bushland east to the Darling Range Regional Park (DPUD 1993) and west, bushland/canopy to the Canning River (BS246); part of a regionally significant contiguous bushland/wetland linkage (Volume 2A, Map 8)



Other Special Attributes: One of a few areas in the PMR where the Plain and the Darling Scarp and Plateau meet through naturally vegetated areas; recommended to be managed as a flora conservation area (Keighery, BJ, and Trudgen 1992); Threatened or Poorly Reserved Plant Community (EPA 1994 GIS); included in Darling Range Regional Park (MfP 1995); Category Two Area Middle Canning Catchment Study (Evangelisti & Associates *et al.* 1995); contains plant communities representative of the eastern side of the Swan Coastal Plain

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Not listed

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

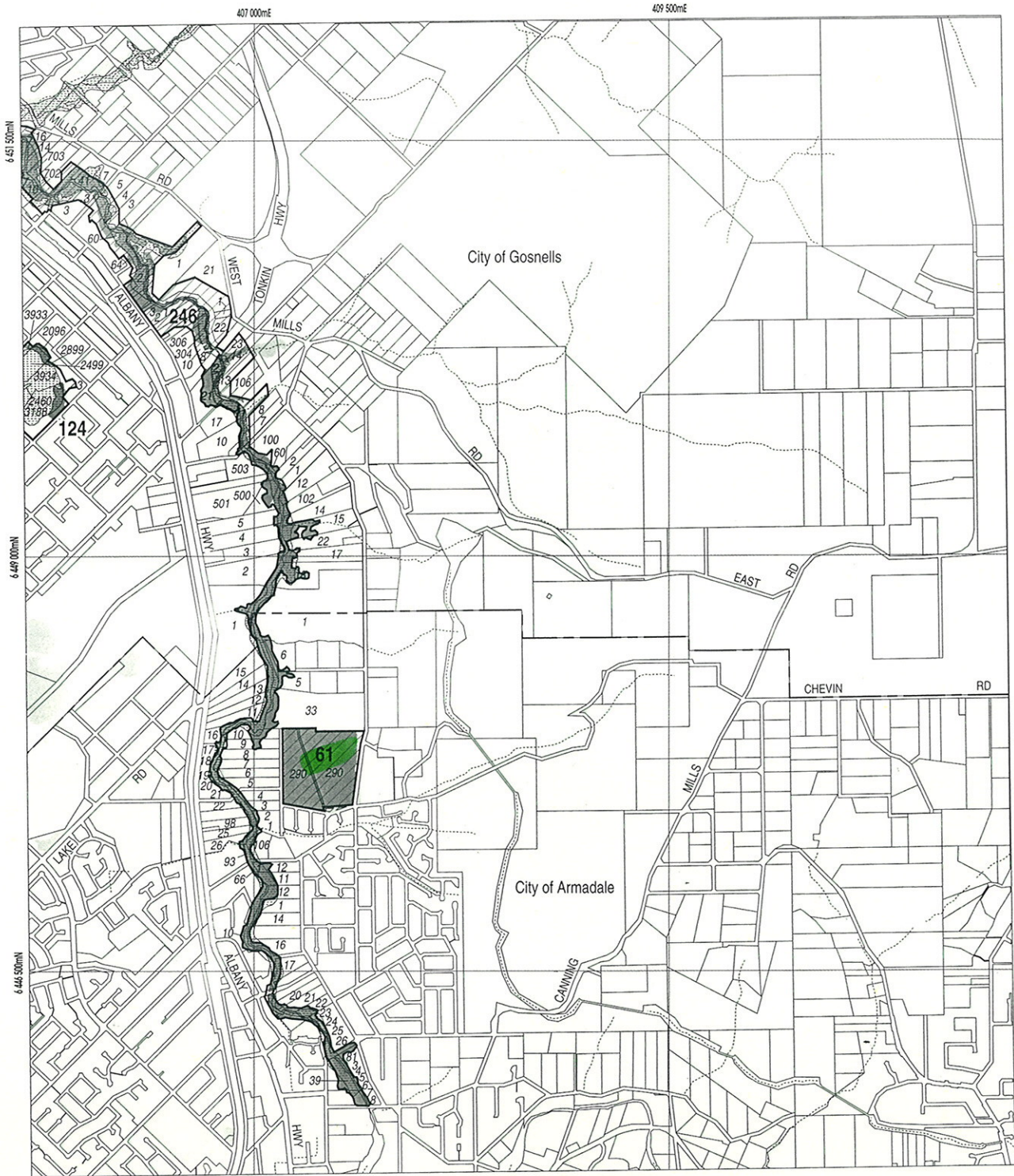
Criteria: Representation of ecological communities, Rarity, Maintaining ecological systems or natural processes, Scientific or evolutionary importance, General criteria for the protection of wetland, streamline and estuarine fringing and coastal vegetation

Opportunities and/or Constraints

Opportunities: Bushplan Site subject to Swan and Canning Rivers EPP; under MRS Parks and Recreation Reservation and TPS Landscape Zoning

Recommendation: The most appropriate mechanism for the protection of this Bushplan Site be considered through the public comment period in consultation with the land owner(s). This Bushplan Site is reserved for Parks and Recreation in the Metropolitan Region Scheme — it should be made a Crown Reserve with a conservation purpose.





LEGEND

- Bushplan Sites With Regionally Significant Bushland
- Other Native Vegetation
- Conservation Category Wetlands
- Bushplan Sites With Some Existing Protection
- 696 Lot Number, Location Number
- Channel Wetlands
- Local Government Boundary

PERTH'S BUSHPLAN MAP INDEX

| | | | | | | |
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| 103 | 104 | 105 | 106 | | | |

2133 - IV NW

| | |
|------|----|
| NW | NE |
| 70 | I |
| SW | SE |
| 2133 | |
| III | II |

1 : 25 000 AMG Reference Grid showing Perth's Bushplan Map Sheet Breakdown

SCALE

0 500 1000 Metres

Produced by Project Mapping Section
Land Information Branch, Ministry for Planning, Perth W.A. November 1998
ntw-map18//environ/bushplan/bushv2_70.dgn
Cadastral Data supplied by Department of Land Administration, W.A.
Wetlands Data supplied by Water and Rivers Commission
Native Vegetation Extent for Study Area supplied by Agriculture Western Australia



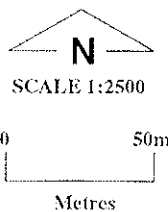
BUSHPLAN SITES CORRECTED



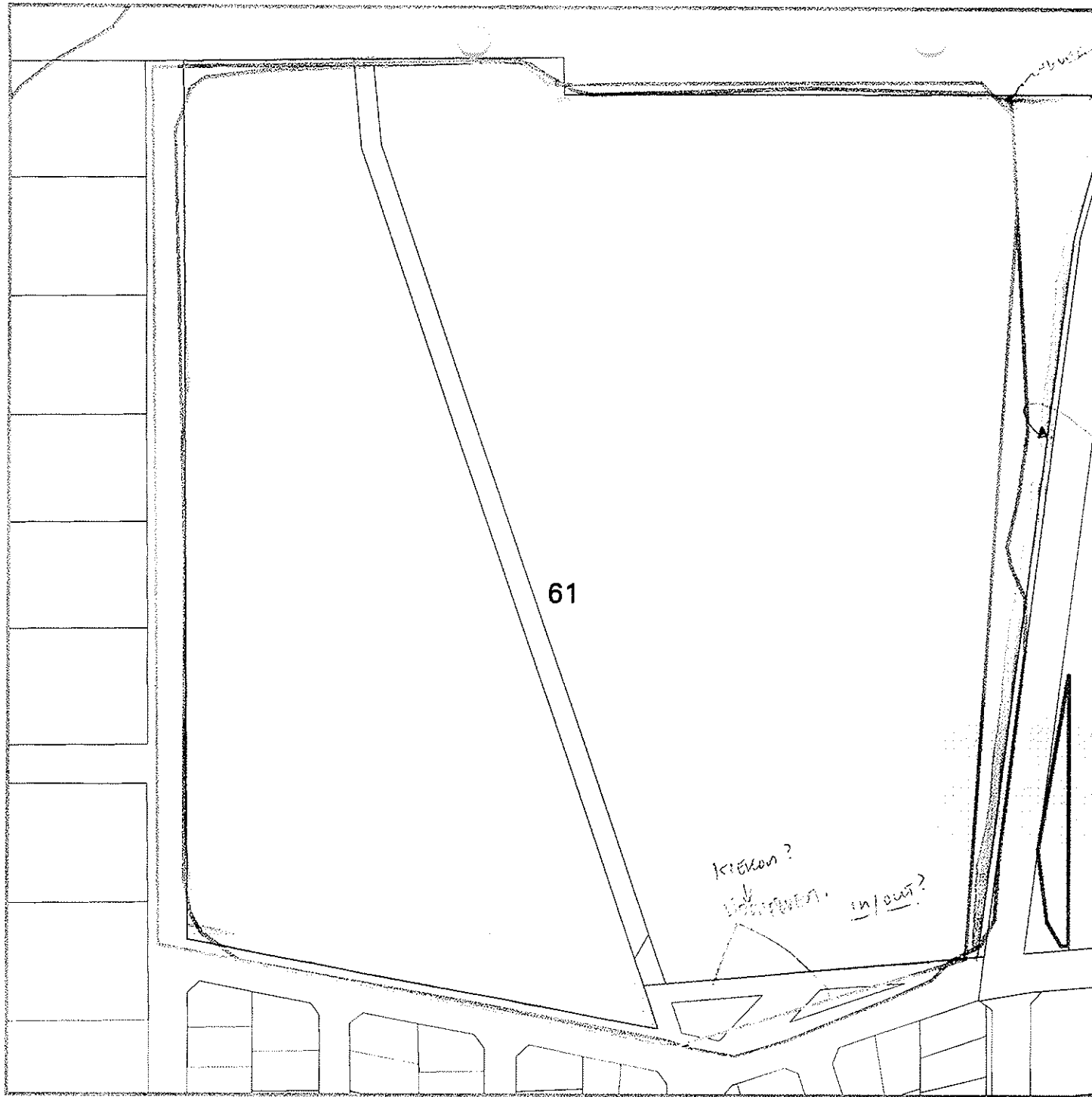
WESTERN
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PLANNING
COMMISSION



CUSTOMER
FOCUS
WESTERN AUSTRALIA



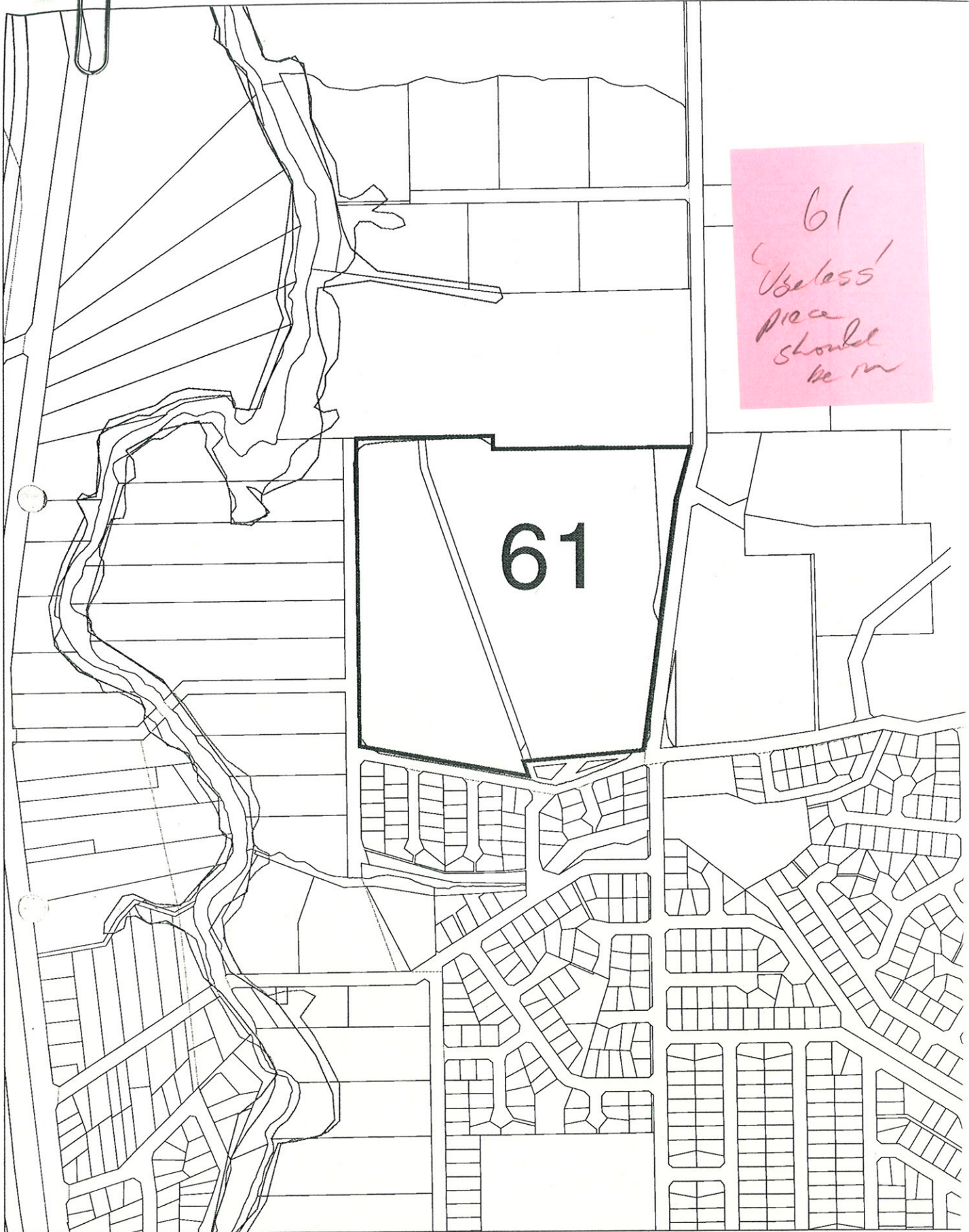
bp site 61



- AG VEG 1998 BOUNDARY THEME
- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY
- MRS - Parks & Recreation

Handwritten notes:
MRS - Parks & Rec
BUSHPLAN
AG VEG 1998
KREXON?
VIA POWER.
in/out?

MFP INTERNAL USE ONLY
Prepared By: Andrea Zappacosta
Prepared For:
Map Id: plot980522_1
Date: 22 May 98
Scale 1: 2967



61
Useless!
piece
should
be in

61

BUSHPLAN SITES CORRECTED



WESTERN
AUSTRALIAN
PLANNING
COMMISSION

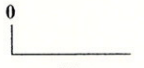


CUSTOMER
FOCUS
WESTERN AUSTRALIA

B Bk/76 22/10/98



SCALE 1:250



Metres

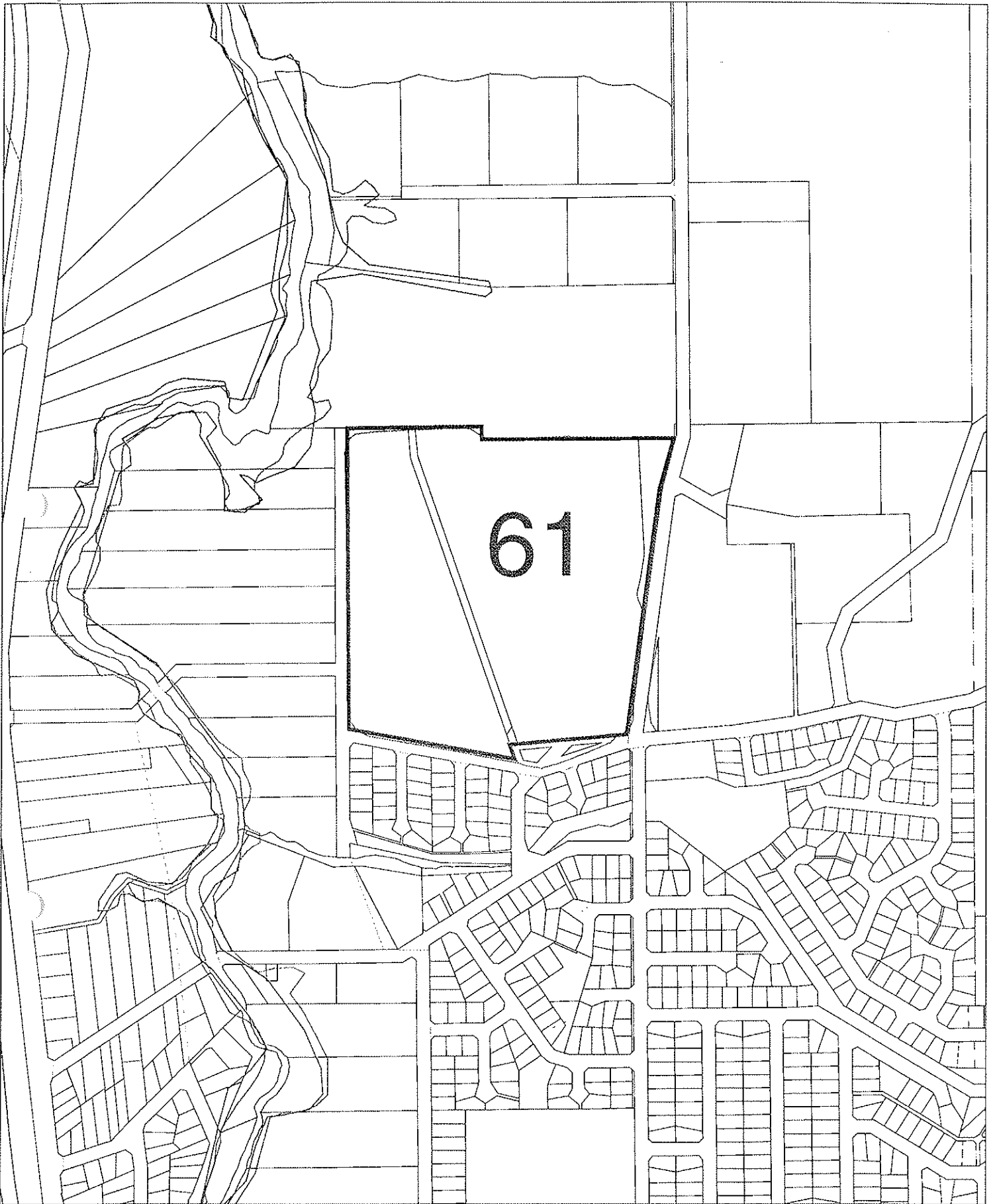


B561

'Road verge type' issue

INITIAL BOUNDARIES DRAWN TO MMS - RATIONALISATION L4 TO P+K.

PROPOSED ACTION WILL PICK UP ADDITIONAL LANDOWNERS. - HOMESWEST
IN PARTICULAR.



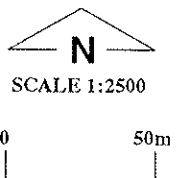
BUSHPLAN SITES CORRECTED



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WESTERN AUSTRALIA**



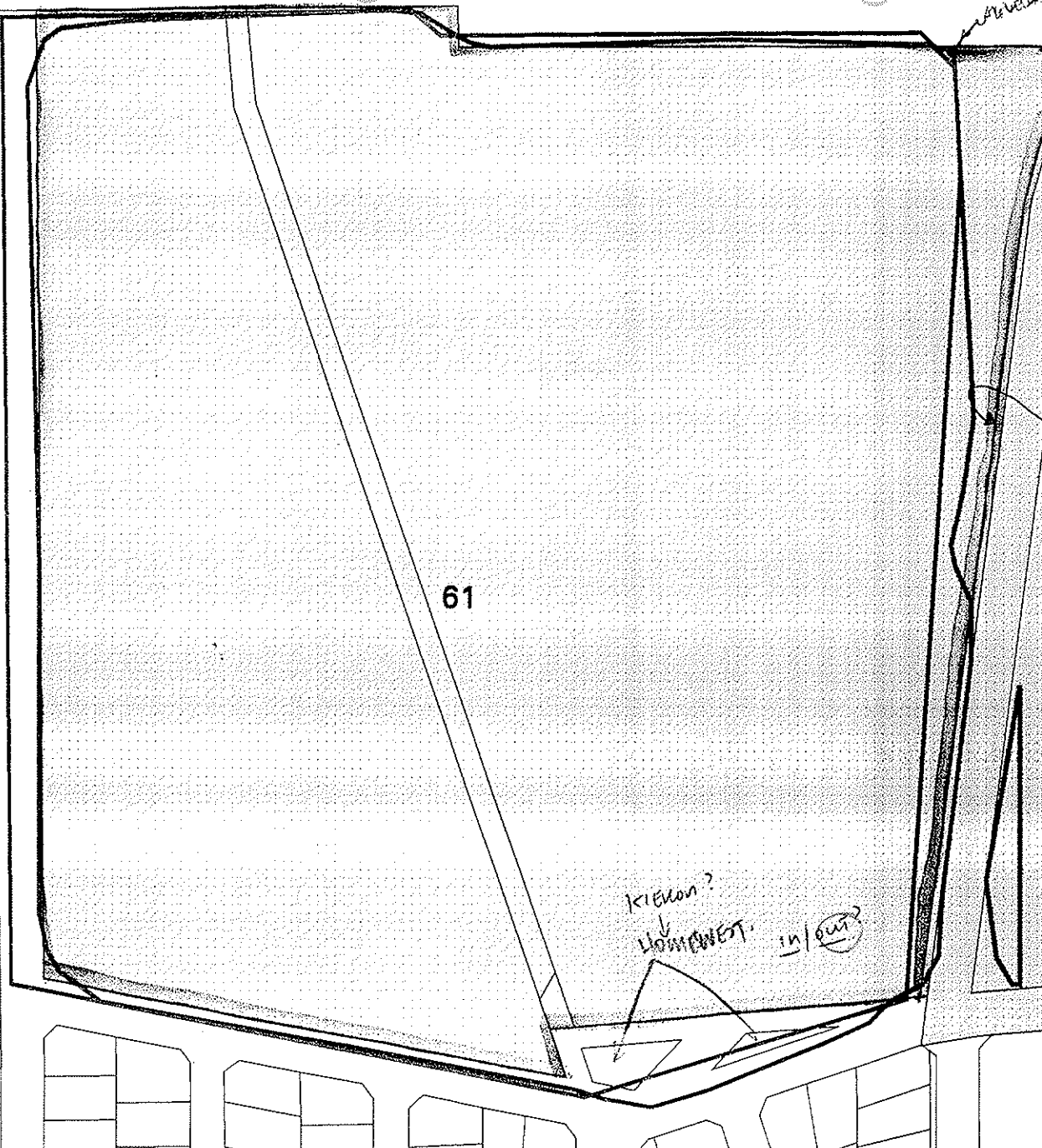
bp site 61

- AG VEG 1998 BOUNDARY THEME
- Cadastre
- Bushplan sites refno 1-500 SCP BOUNDARY
- MRS - Parks & Recreation

FOLLOW PARKS & REC
BOUNDARY ✓ Yes

EASTERN BOUNDARY
TO
CAPASNE ✓ Yes

we



MFP INTERNAL USE ONLY

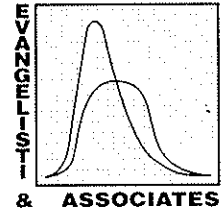
Prepared By: Andrea Zappacosta

Prepared For:

Map Ident: plot980522_1

Date: 22 May 98

Scale 1: 2987



WATER RESOURCES MANAGEMENT PLAN

MIDDLE CANNING CATCHMENT

(STAGE 1 - VOLUME 1)

Prepared for the

Water Authority of Western Australia

By

Evangelisti & Associates
Consulting Engineers and Project Managers

in association with

Landvision
Consultants in Urban and Environmental Planning

and

The V & C Semeniuk Research Group
Environmental Scientists

October 1995

SYSTEM 6 — A REPRESENTATIVE CONSERVATION SYSTEM

The following discussion gives some background to the original System 6 study followed by an outline of the Department of Environmental Protection's current programme to update the recommendations of System 6 and the coastal plain portion of System 1 on behalf of the Environmental Protection Authority.

Background

Introduction

In 1971 the newly formed Environmental Protection Authority (EPA) established a Conservation Through Reserves Committee to assess the adequacy of the reserve system for the whole of Western Australia and make recommendations to Government for a representative set of conservation reserves.

For the purposes of the studies, the CTRC divided Western Australia into 12 regions or 'systems'. Each region was then studied to determine areas which should be set aside as reserves because of their value for flora, fauna, landscape, geology or recreation.

The CTRC studies subsequently became the EPA's statement of areas which should be set aside as parks and reserves in Western Australia.

System 6 is one of the series of regions studied and its recommendations along with the other 11 systems proposes a network of parks and reserves throughout Western Australia.

The study

The System 6 study was carried out from 1976 to 1983 and relied heavily on community involvement. The study recognised that the metropolitan area would continue to grow and that land would be required for a range of uses. In identifying special areas, System 6 sought to achieve a balance between conservation and development.

The area defined as System 6 was the most densely populated part of the State with the greatest intensity of land use, it stretches from Moore River in the North to the Blackwood River in the South, and from the coast to the eastern edge of the Darling Range (map attached).

Where the other System studies largely confined themselves to publicly owned land the recommendations for System 6 also included privately owned land. Because of the intensity of land use in the area only a small amount of lands are reserved under the Land Act and these were insufficient to represent the range of ecological communities and associated habitats within the System 6 area.

In 1981 a draft report and recommendations was released by the EPA for public comment. In October 1983 the final report and recommendations of the EPA were released in what is now known as the System 6 Red Books Part I and Part II. It was subsequently endorsed by Cabinet in 1984.

Part I of the report contained general recommendations to Government that provided a framework for conservation in the region. It pre-dated formation of the Department of Conservation and Land Management and covered issues such as conservation in state forests, Land Act reservation, conservation on private land and regional parks.

Part II contained the more specific recommendations relating to issues such as reservation, tenure and management for 209 identified areas (108 in the metropolitan region and 101 in the country).

THE GORDON REID FOUNDATION FOR CONSERVATION



FUNDING POLICY & APPLICATION GUIDE

for

COMMUNITY ORGANISATIONS

1997 edition

THE SUBMISSION FORMS IN THIS BOOKLET ARE VALID ONLY FOR 1997



LOTTERIES
COMMISSION

P.O. BOX 6725
EAST PERTH
W. AUSTRALIA 6892
Tel/Fax 09+322 1850



LOTTERIES
COMMISSION

Non-Government, voluntary and self-help organisations
make a vital contribution to the life of our community.

The Lotteries Commission of WA is committed to supporting
such organisations through the distribution of
grants available from the sale of Lotteries products.

This booklet has been produced to help you
understand how the Commission operates and how your
conservation group may obtain funding.

The Commission welcomes feedback on the material provided in
this booklet and enquiries on any of
the Lotteries Commission's funding guidelines and policies.

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- B APPLICATION FORM FOR A SMALL GRANT
- C DECLARATION AND ACCEPTANCE OF GRANT CONDITIONS

1 BACKGROUND TO THE LOTTERIES COMMISSION

The Lotteries Commission of WA was established in 1933.

Under the Lotteries Commission Act 1990, six Commissioners are appointed by the Minister for Racing and Gaming to oversee all operations of the Lotteries Commission. This includes the responsibility to make recommendations to the Minister about the distribution of funds available to community organisations.

Income received by the Lotteries Commission of WA through the sale of Lotteries products is distributed in the following way:

| | | |
|--------------------|-----|-----|
| <u>Costs</u> | | |
| Prizes | 60% | |
| Agents' Commission | 8% | |
| Administration | 6% | 74% |
| <u>Grants</u> | | |
| Hospitals* | 16% | |
| Arts* | 2% | |
| Sports* | 2% | |
| Film | 2% | |
| Discretionary | 4% | 26% |

*The Commission plays no part in the specific allocation of funds to hospitals, sports and arts but is directly responsible for the allocation of grants to community organisations through its Discretionary Funding Programs.

2 INTRODUCTION TO THE GORDON REID FOUNDATIONS

In early 1990 the Minister for Racing and Gaming announced that the Lotteries Commission had established five Foundations. These Foundations were named in honour of the late Governor of Western Australia. Mrs Ruth Reid is the Patron.

This initiative was intended to broaden the range of funding programs available to the community and to provide the Lotteries Commission with an enhanced level of expertise through the appointment of Advisers to the Foundations, whose role is to advise on policy development in the specialist areas embraced by the Foundations and to recommend to the Commission how funds are to be distributed.

The Foundations support projects in the following areas: Youth, Recreation for People with Disabilities, Access to the Performing Arts and Conservation. The Lotteries Commission is financially accountable for these Foundations and grant conditions are the same as for any Lotteries Commission grant.

3 THE GORDON REID FOUNDATION FOR CONSERVATION

The Committee is comprised of individuals with a range of expertise and experience which reflects the breadth and depth of the Conservation Foundation's brief. Under the Chairmanship of Mr Frank Montgomery, Lotteries Commissioner, the Foundation Members are:

Mr Neil Blake Particular interests include the conservation of arid land ecosystems, protection of national parks and nature reserves, urban conservation issues and community involvement in conservation. Mr Blake sits on the National Council of the Australian Conservation Foundation.

Mrs Jos Chatfield Farmer, nursery proprietor, member of the CSIRO Division of Wildlife and Ecology Regional Consultative Committee and Tammin LCDC, with practical experience in rural resource management and nature conservation. A former Director of Greening Western Australia, Mrs Chatfield has a special interest in Landcare issues having served on the National Soil Conservation Committee.

Dr Stephen Hopper Director of Kings Park and Botanic Garden. Botanist and ecologist, with research expertise in the endangered flora of Western Australia, with a special interest in eucalyptus, orchids, kangaroo paws and the plants of granite outcrops.

Dr Maurice Mulcahy Former Research Scientist in CSIRO, later a member of the Environmental Protection Authority. Dr Mulcahy has special interest in conservation of nature through the establishment of parks and reserves and improved land use planning.

Dr Denis Saunders Officer-in-Charge of the Western Australian laboratory of the CSIRO, he is an avian ecologist with interest in the distribution and abundance of bird communities in the wheatbelt and in developing management techniques which incorporate nature conservation within production landscapes.

Mrs Joanna Seabrook Founding member and Director of 'Greening Australia' and honorary life member of the Wildflower Society of Western Australia. Mrs Seabrook has special interest and experience in revegetation.

Dr Barry Wilson Previously a Fulbright Scholar and Research Fellow at Harvard University, past Director of the National Museum Victoria and formerly Director of Conservation and Land Management in the Department of Conservation and Land Management, Dr Wilson is an authority on invertebrate marine faunas.

Recommendations from Foundation Members are reviewed by the Commission, then forwarded to the Minister for Racing and Gaming. All grants are subject to Ministerial approval.

The Foundation is managed by the Executive Officer, **Mr Michael Crouch**. The funding recommended and the operation of the Foundation are within the constraints of an established budget.

The decision of the Commission to make funding available for the purposes of conservation was taken in recognition of the increasing importance of environmental protection, to the entire community. Since 1991 well over \$4 million has been distributed by the Commission on the advice of the Foundation to organisations located throughout the State, with \$1.2 million budgeted for distribution during the 1996/7 financial year.

4 THE FOUNDATION'S PRIORITIES

In recommending funding to organisations eligible under the Lotteries Commission Act 1990, the Foundation's members employ a high degree of professional judgement: they exercise their responsibilities within clearly defined guidelines originally established from a study, commissioned in 1991, to identify the geographical areas where action was seen as most needed, and where financial support would encourage community groups to make maximum impact in maintaining the State's fragile eco-systems.

In September 1994 the funding decisions made to date were reviewed, against the perceived role of the Gordon Reid Foundation for Conservation and, in a workshop attended by a distinguished cross section of representatives from public and private organisations concerned with the environment, funding priorities were discussed and redefined. The same exercise was undertaken in September 1996 and the priorities agreed upon and redefined as follows:

4.1 The BASIC FUNCTION of the Gordon Reid Foundation for Conservation is:

To encourage and sustain action by community organisations to conserve and restore indigenous plants, animals and micro organisms and their natural environments in Western Australia

PRIORITIES

- To secure/achieve **effective conservation action** by directing funds towards strategies which foster/continue to support projects that have integrated, sustainable outcomes
- To address nature conservation issues through **leadership** in initiating and funding projects that take account of the inter-related life support systems
- To encourage and support **Community Groups** as appropriate to apply for, properly administer and make best use of Lotteries Commission funds

4.2 These priorities are included as a guideline only, to applicant organisations. In making recommendations to the Commission, the Foundation is still anxious to encourage 'hands-on' projects that incorporate one or more of the following, particularly through small grants:

- Planting local species of trees and understorey
- Planting buffer strips around revegetation
- Linking remnants with corridors at least 40m wide
- Preventing rising salt from destroying remnant vegetation from a 'whole catchment' perspective
- Fencing remnant vegetation, wetlands, streamlines and destocking
- Establishing seed orchards of local species
- Direct seeding
- Controlling weeds, feral animals, disease and fire.

Long and short term strategies

In attempting to address as many of the priority needs as practical, within a limited budget, the Foundation's members have adopted the following procedures:

- to identify, and direct funding towards, those areas of need listed earlier by a **limited number of major initiatives**. Accordingly, during 1997, the Foundation may call for submissions specifically directed to meet recognised essentials, by advertising the projects for which funding has been allocated;
- to accept proposals for **major funding**, in the form of *expressions of interest*, as has been the practice previously;
- to continue to recognise the efforts of small community groups, through the annual Small Grants Program (of up to \$5,000 per application).

5 APPROVED ORGANISATIONS

These are local, established, recognised and community based, not-for-profit groups (not individuals) run mainly by volunteers. It may be necessary to provide evidence of sound management. Priority will be given to groups actively involved in practical schemes to restore, protect, manage or monitor their local environment, with the emphasis on "hands-on" projects and an ability to demonstrate a commitment to long-term conservation.

For grants over \$5,000 organisations must be incorporated/sponsored by an body incorporated in Western Australia, or enjoy an equivalent status (ie, Land Conservation District Committees).

5 APPROVED ORGANISATIONS (continued)

National organisations incorporated outside Western Australia but operating within this state will need to demonstrate that the local W A management committee functions as a semi-autonomous body, with regular meetings, minutes and a WA bank account that is subject to local audit.

6 THE FUNDING PROCESS: MAJOR GRANTS

6.1 There are three ways that **major grants** may be considered:

- (a) in response to the Foundation calling for submissions. The application process will be clearly detailed in the advertisement;
- (b) other projects worthy of support are identified by the Foundation Members who usually approach the organisation directly, to hold preliminary discussions, or
- (c) organisations wishing to undertake major conservation projects may make approaches to the Foundation at any time.

6.2 In the cases of (a) the appropriate form will be mailed to would-be applicants.

For (b) or (c) an *Expression of Interest* is sought initially, the form for which is attached to this booklet at Appendix "A"

6.3 The decision making process for 1(a) (b) and (c) is as follows:

- (a) Submissions are circulated on receipt by the Executive Officer and tabled at the next Foundation meeting. If it is agreed to consider the matter further, one or more members initially investigate all aspects of the proposal, thereafter discussing with the others if the project should be supported further;
- (b) if the project is supported, a detailed request for funding, on the Conservation Funding Application Form, will be forwarded to the organisation for completion;
- (c) this may be processed by the Executive Officer for funding, or further considered by the Foundation which can then commend the proposal to the Lotteries Commissioners with a recommendation that funding be approved by the Minister;
- (d) organisations are then advised in writing of the outcome.

7 THE FUNDING PROCESS: SMALL GRANTS

7.1 Applications for Funding (note: these are only accepted after advertising the funding round and while funds are available*).

Submissions will be considered for any purpose within the guidelines as set out below, though the funds available may not be sufficient to meet all requests*.

The application and declaration forms are at Appendices "B" and "C". Both must be fully completed. The Chairman/President must sign Appendix "C".

7.2 Amount and purpose of grant

Up to \$5,000 per organisation may be made for the following purposes, listed in priority order (it is emphasized that the funding of items [1] and [2] may be favoured to the exclusion of items [3] and [4]) :

- (1) small projects of a practical nature with an emphasis on protection/rehabilitation of native flora/fauna . See section 4,2;
- (2) provision of small capital items to support voluntary work on the management of parks and reserves;
- (3) public education programs, newsletters or pamphlets or training to inform or educate the general public in environmental management;
- (4) capital items of equipment or minor improvements to buildings (the Foundation does not favour the funding of electronic office equipment and a special case would need to be made, in this regard).

7.3 Eligibility

Approved organisations (see section 5) and those organisations that have previously been funded under this program may apply, provided they have:

- used the earlier grant to the satisfaction of the Foundation,
- reported fully as required, within the deadlines agreed, on the use made of the grant, and acquitted the expenditure as stipulated,

Schools are ineligible to be considered, although properly constituted organisations associated with schools may be acceptable, if the project to be funded is regarded as being worthy of support.

FOR USE WITH APPENDIX 'B' ONLY
APPENDIX C

**DECLARATION AND ACCEPTANCE
OF GRANT CONDITIONS**

Please ensure that this section is carefully read before signing by the appropriate office bearer, when applying for a Small Grant. It should be completed and forwarded together with Appendix B. This declaration must be signed before any grant can be paid. The application may be rejected if the declaration is incomplete.

I certify that all the information provided is true and correct, and give permission to the Lotteries Commission to contact any person or organisation in the processing of this application.

If a grant is provided, the organisation agrees to the following conditions, to:

- 1 Use the grant for the purpose for which it was given, unless otherwise agreed in writing with the Lotteries Commission.
- 2 Return to the Lotteries Commission, within three (3) months of receiving the grant, either the originals or certified copies of receipt/invoices or with supporting financial statements as appropriate, to support expenditure, unless otherwise agreed (ie. for progress payments or payment on receipt of invoice).
- 3 Return any unexpended funds to the Lotteries Commission within three (3) months of the grant being made available, unless otherwise agreed in writing by the Commission.
- 4 Advise the Lotteries Commission in writing of any delay in the expenditure of the grant.
- 5 Ensure that the accounts of the organisation are available to internal or external auditors if requested, for verification of the expenditure of the grant received from the Lotteries Commission.
- 6 Recognise that on some occasions special conditions may need to apply to particular grants.

SIGNED

DATE

Chairperson or President only

NAME

POSITION

ADDRESS

Post Code

TELEPHONE H

W

DECLARATION AND ACCEPTANCE
OF GRANT CONDITIONS

Please ensure that this section is carefully read before signing the Declaration and Acceptance of Grant Conditions. It should be completed and forwarded together with Appendix B. This declaration must be signed before any grant can be paid. The Commission may be contacted for further information regarding these conditions.

Thank you for the information you have provided and for your interest in the Lottery Commission's grant program.

GENERAL ENQUIRIES

All enquiries regarding this booklet should be directed to:

Mr Michael Crouch
Executive Officer
The Gordon Reid Foundation for Conservation
PO Box 6725
EAST PERTH WA 6892

Tel: and Fax (09) 322 1850

The Lotteries Commission's booklet ***Community Funding General Information*** provides information on funding for other types of community organisations. This should be obtained by writing to the Commission at PO Box 1113 Osborne Park WA 6917 or telephoning (09) 340 5270.

It should be noted that there is no other sources of grants for conservation purposes from the Lotteries Commission, other than those specified in this document.

NOTE: This application form must be fully completed & may be subject to inspection
APPENDIX B
What other funding have you received for this project and have you applied /are you applying to fund this project from other sources ? If so, please give full details. (list separately if necessary)

| DATE | SOURCE | AMOUNT \$ |
|------|--------|-----------|
|------|--------|-----------|

2 DETAILS OF YOUR ORGANISATION:

When was your group established? 19____

Number of members: _____ Membership fee \$ _____

Are there any restrictions on membership? *Yes No

Do you operate independently from your local authority? Yes *No

*Please explain situation/relationship.

Please provide a brief history of the activities of your group. Do you have any government officers on your management committee? Who?

3 **BUDGET - please attach a budget breakdown**

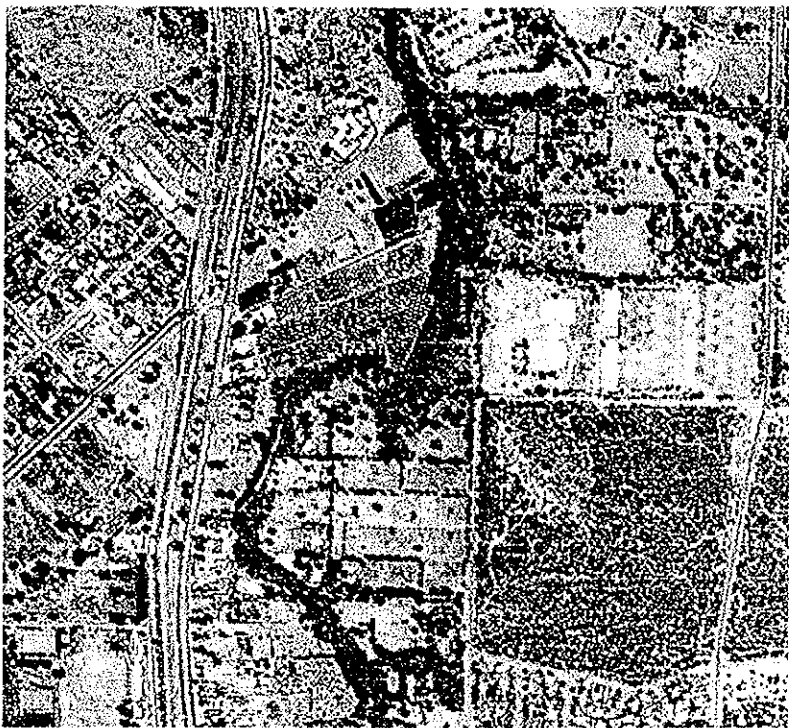
Total cost of item or project: \$ _____

4 **Please attach a copy of the audited financial statement of your organisation for the last financial year or a copy of your accounts for the same period, certified by your Treasurer, and copies of two sets of minutes/records of recent meetings.**

Address for all correspondence:

Mr Michael Crouch
Executive Officer,
Gordon Reid Foundation for Conservation
PO Box 6725
EAST PERTH WA 6892

Enquiries: Telephone/Fax/Answering Machine: (09) 322 1850



B561

Rock v. g. h. p. 1000

Community type: 20b

Eastern *Banksia attenuata* and/or *Eucalyptus marginata* woodlands

Reservation Status: Well reserved
 Conservation Status: Vulnerable

Typical Species:

Trees
Banksia attenuata

Shrubs
Bossiaea eriocarpa
Conostephium pendulum
Dryandra nivea
Hibbertia huegelii
Hibbertia hypericoides
Petrophile linearis
Xanthorrhoea preissii

Herbs
Burchardia umbellata
Chamaescilla corymbosa
Dasypogon bromeliifolius
Drosera erythrorhiza
Lomandra hermaphrodita
Loxocarya fasciculata
Mesomelaena tetragona
Restio sinus Ms
Tetraria octandra

Other common species:

Trees
Eucalyptus marginata
Xylomelum occidentale

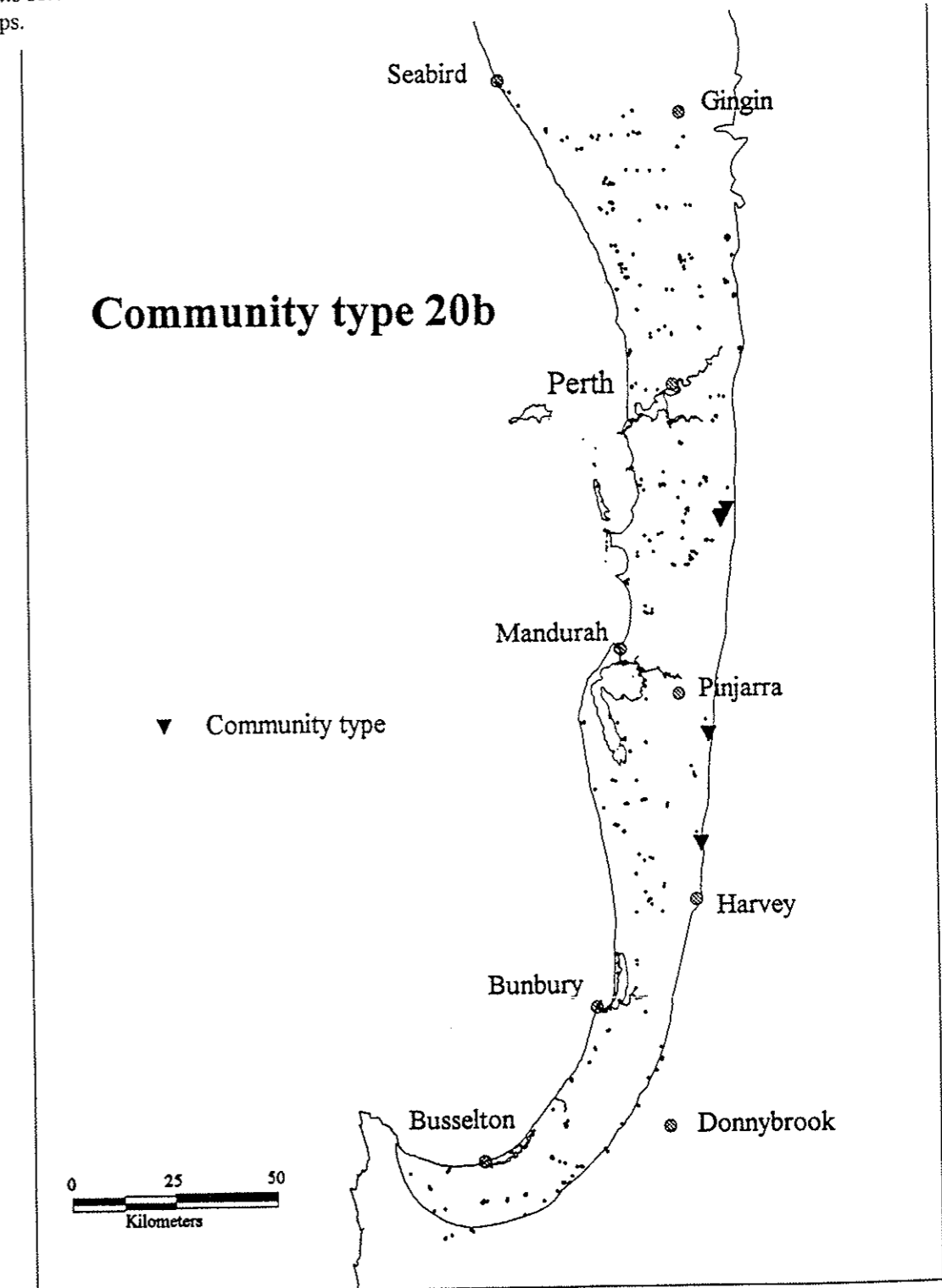
Shrubs
Allocasuarina humilis
Astroloma pallidum
Baeckea camphorosmae
Calectasia cyanea
Eriostemon spicatus
Gompholobium tomentosum
Grevillea pilulifera
Hakea ruscifolia
Hibbertia vaginata
Hypocalymma robustum
Labichea punctata
Stirlingia latifolia

Herbs
Amphipogon turbinatus
Caladenia flava
Conostylis juncea
Mesomelaena pseudostygia
Conostylis setigera
Drosera macrantha
Drosera paleacea
Haemodorum laxum
Lepidosperma angustatum
Leporella fimbriata
Lomandra sericea
Lyperanthus nigricans
Stylidium brunonianum
Stylidium piliferum
**Ursinia anthemoides*
Xanthosia huegelii

Mean species richness: 62.7
 Mean weed frequency: 1.4
 Mean vegetation condition: 2.6
 Number of quadrats: 9

Structural units
 low forest A
 low woodland A
 open low woodland A

No additions
 Community type 20b was found on sands at the base of the Scarp between Byford and Yarloop. These sands were mapped as belonging to the Guildford or Forrestfield units (Pinjarra Plain and Ridge Hill Shelf). This community type was again very species rich (mean 62.7) with low weed frequency (Table 13). Most sites in this community type were *Eucalyptus marginata* - *Banksia attenuata* woodlands but *Banksia* woodlands and heaths were also found. Again *Mesomelaena pseudostygia* was common occurring in 67% of plots. Species that differentiated this subgroup included *Hakea stenocarpa*, *Conostylis setosa* and *Johnsonia* aff. *pubescens* as well as the absence of species restricted to the other subgroups.



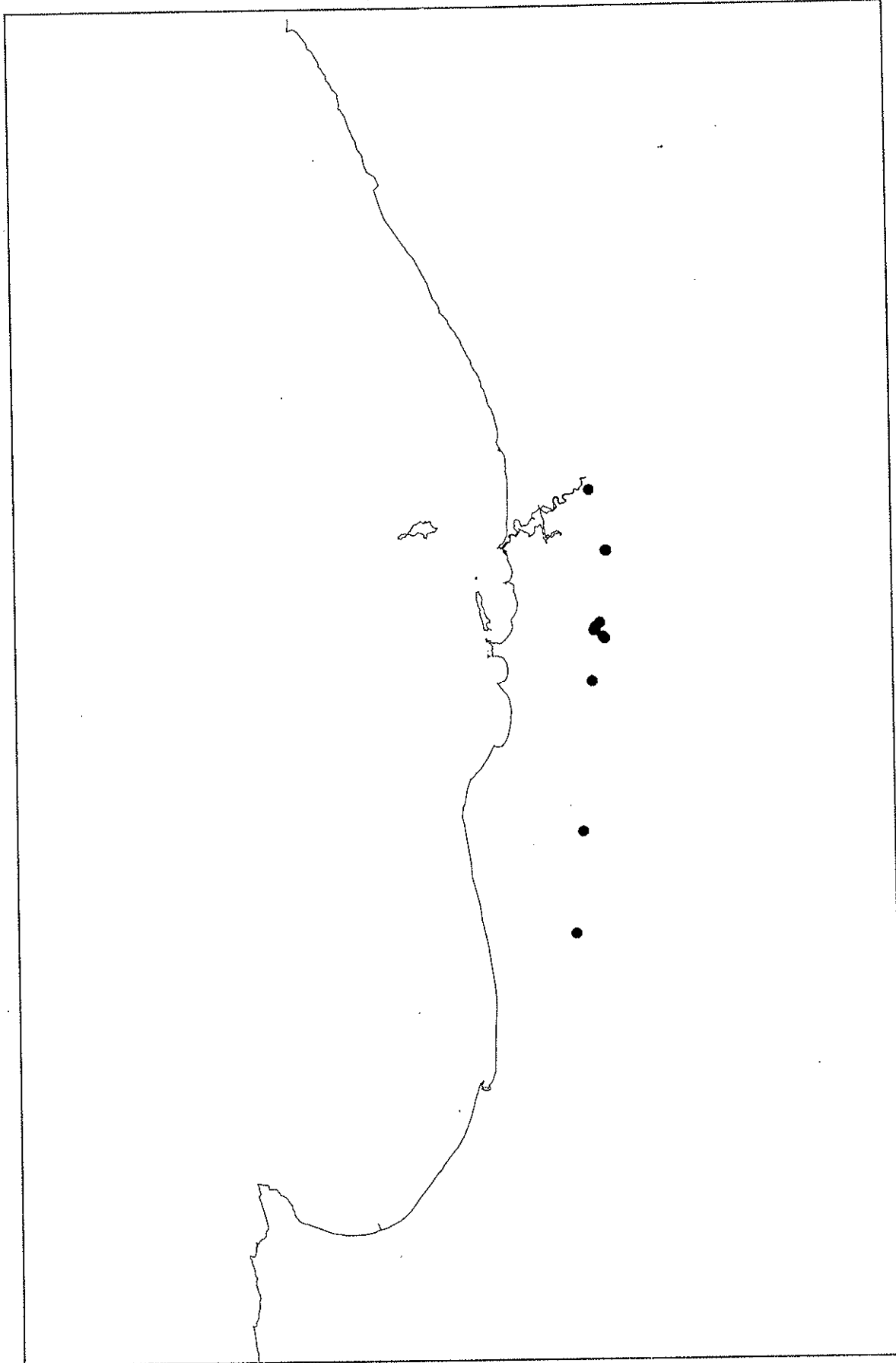
| | | | | |
|-----------|----------|----------|----|-----|
| ✓BRICK2 | -32.2293 | 116.0014 | 40 | 20b |
| ✓BURNRD01 | -32.7223 | 115.9416 | 50 | 20b |
| ✓CARD1 | -32.2441 | 115.9881 | 40 | 20b |
| ✓CARD2 | -32.2450 | 115.9869 | 40 | 20b |
| ✓CARD5 | -32.2497 | 115.9864 | 40 | 20b |
| ✓CARD6 | -32.2495 | 115.9863 | 40 | 20b |
| ✓CARD8 | -32.2508 | 115.9841 | 40 | 20b |
| ✓CARD9 | -32.2505 | 115.9841 | 40 | 20b |
| ✓YARL04 | -32.9601 | 115.9154 | 50 | 20b |

← CARD 03 from 21a

Distribution of Floristic Community Type 20b



Department of Environmental
Protection Western Australia



- Coastline of Western Australia
- Floristic Community Type 20b

1:1500000







BPS 61 Connell Ave Lot 290, Kelmscott 1997







BPS 61 Lot 290 Connell Ave Kelmscott 1997







RPS 61 Connell Ave Lot 290, Kelmscott
1997







Lot 290 CONNELL AVENUE, KELMSCOTT 1997





Lot 290 Connell Ave, Kelmseott BPS 61





CHURCHMAN BUSHLAND MANAGEMENT AREA 1997, POSSIBLE
ALTERNATIVE FOR KELMSCOTT PONY CLUB





CHURCHMAN BUSHLAND MANAGEMENT AREA
1997 POSSIBLE ALTERNATIVE FOR KELMSCOTT
PONY CLUB.



Bushplan Site 67 9-1-98



BPS 61 Lot 290 Connell Ave, Kelmscott 1997







BPS 61 Connell Ave Lot 290, Kelmscott 1977





BPS 61 Lot 290 Connell Ave kelmscott
1997







BPS 61 Lot 290 Connell Ave Kelmscott
1997







BPS 61 Lot 290 Connell Ave, Kelmscott 1997







BPS 61 Lot 290 Connell Ave, Kelmscott 1997







BUSHMAN SITE 61 Lot 290 Connell Ave, Kelmscott
1997





AREA INFORMATION

System 6 Area (C or M) or Update Area (Update) CONNELL 48

| |
|--|
| Conservation Area |
| Nature Reserve |
| Reserve No |
| National Park |
| Reserve No |
| Local Government |
| Reserve No |
| Other |
| Proposed Conservation Areas |
| Local Government |
| Reserve No |
| Other Location 290 - Ministry for Planning |

Conservation Area

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

TOTAL AREA

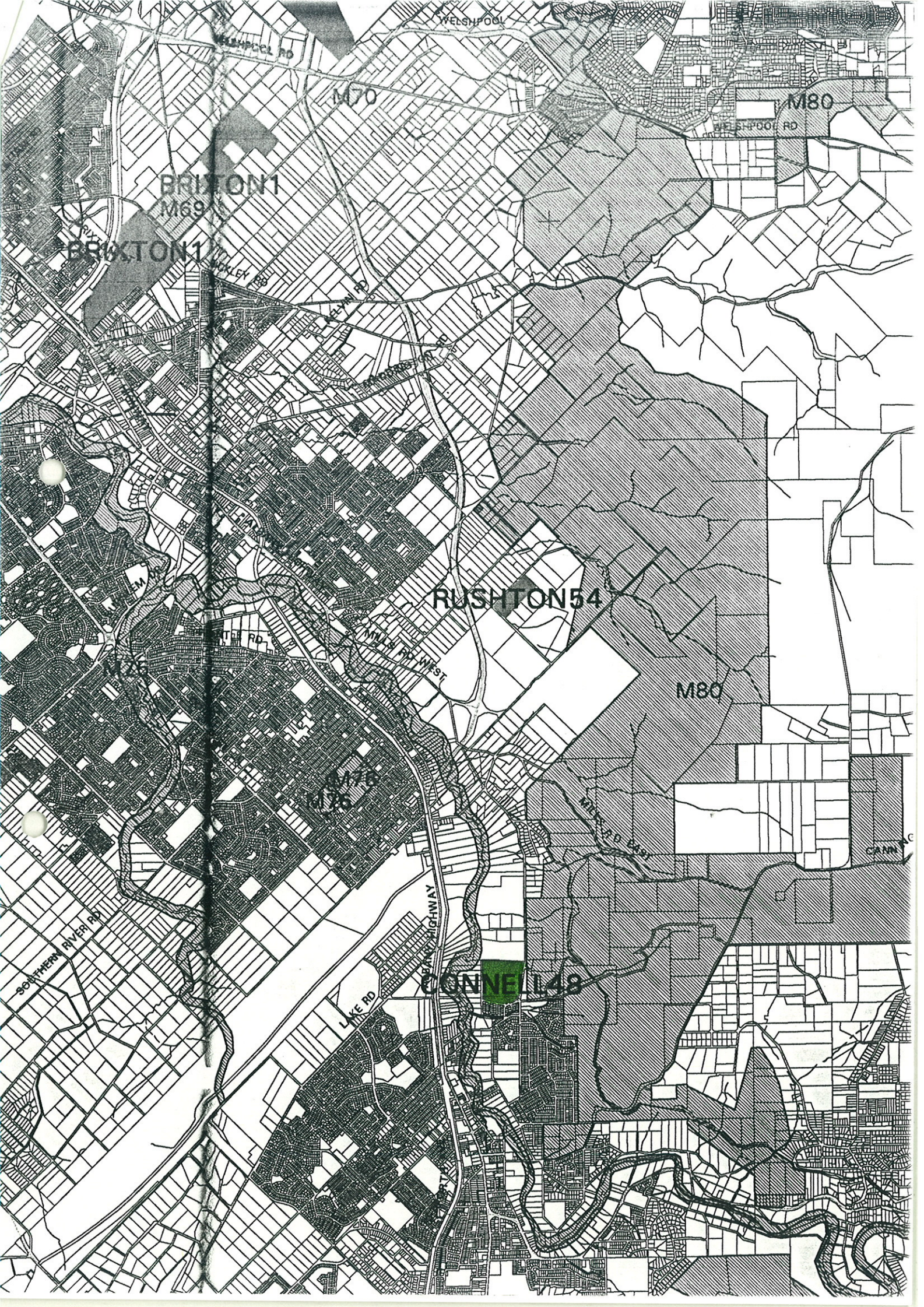
| | |
|---------------------|----------|
| Bushland Area | hectares |
| Completely Degraded | |
| | |
| | |

AREA MAPPED FLORISTIC UNITS

| Units | Site (Condition) | Code | Bound | Area (ha) |
|-------|------------------|------|-------|-----------|
| | NO SITES | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Boundaries determined by use of

| |
|--|
| aerial photograph memo Street Directory run 14 5129 4/1/91 |
| orthophoto |
| vegetation map |
| soil map |



BRITTON1
M69

WELSHPOOL

M70

M80

WELSHPOOL RD

BRITTON1

RUSHTON54

M80

M76
M75

CONVE 148

SOUTHERN RIVER RD

LAKE RD

HIGHWAY

CONNEL48 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 48 - NW junction Connel Ave and Ciro Rd, Kelmscott. Location Map 10. Vegetation Map Area 18, p98

Veg: me Sc, r OW, s Sc, ja W, w LW

Cond: Good

GENERAL COMMENTS

This Location of 22ha has *Melaleuca preissiana* Open Forest and *Melaleuca raphiophylla* High Open Shrubland on the low lying areas to the west and moving upslope to the east *Jacksonia sternbergiana* Open Scrub, *Allocasuarina fraseriana* Woodland, Jarrah and *Allocasuarina fraseriana* Open Forest and Wandoo Open Woodland. There are very few *Banksia menziesii* or *B. attenuata* at this Location which is unusual when there are many species in the understorey of Site c typical of *Banksia* Woodlands. This could indicate the presence of dieback. The latter two associations form a continuum and are mapped as one unit. There is extensive track development in the Location and the tracks are used by the Pony Club located to the NW of the bushland. Although there has been some clearing the Location is generally in Good Condition. **Ehrharta calycina* and **Briza maxima* are the most significant weeds in the bushland and along with **Eragrostis curvula* and **Hyparrhena hirta* on the roadsides. **Chaemalaucium uncinatum*, **Acacia podarifyolia* and **Cytisus proliferus* were also observed as a roadside weeds. There is considerable rubbish dumping on the south eastern corner and a variety of garden escapes are persisting such as **Nasturtium* and **Agave*

To the east of this Location is a considerable area of bushland, principally Jarrah and *Allocasuarina fraseriana* Open Forest and Wandoo Open Woodland.

Site 48a

r W Flooded Gum Open Woodland over *Melaleuca preissiana* Open Forest with scattered emergent over *Agonis linearifolia* and *Astartea fascicularis* Open Scrub over exotic Grassland.

Trees: *Eucalyptus rudis*, *Melaleuca preissiana*, *Melaleuca raphiophylla*

Shrubs: *Astartea fascicularis*, *Agonis linearifolia*, *Dryandra sessilis*, *Pericalymma ellipticum*

Grasses: **Ehrharta calycina*, **Briza maxima*

Herbs: *Conostylis aculeata*

CONDITION

Rating Poor

Comments: This area has apparently been cleared in the past and subsequently grazed and invaded by weedy grasses.

Aerial Photo: Run 14 5129

Soil: grey sand over ?clay, F1 (King and Wells 1990)

Drainage: moderate

Aspect: flat

Site 48b

me Sh *Melaleuca raphiophylla* High Open Shrubland over *Astartea fascicularis* and *Melaleuca polygaloides* Open Heath over *Hypolaena exsulca* and *Mesomelaena tetragona* Open Sedgeland

Trees: Adjacent: *Eucalyptus rudis*

Shrubs: *Melaleuca raphiophylla*, *Astartea fascicularis*, 4#*Melaleuca polygaloides*, 4#*Hakea erinacea*,
Dryandra nivea, *Gompholobium tomentosum*, *Cassytha racemosa*

Herbs: *Cassytha racemosa*

Sedges: *Hypolaena exsulca*, 4#*Mesomelaena tetragona*, 5#*Cyathochaeta avenacea*

CONDITION

Rating **Very Good**

Comments: No obvious disturbance

Aerial Photo: Run 14 5129

Soil: cream sand over clay, some lateritic pebbles, F1 (King and Wells 1990)

Drainage: poor

Aspect: flat

Site 48c

s Sc *Jacksonia sternbergiana* Open Scrub over *Hakea ruscifolia* Shrubland over
Eremaea pauciflora and *Hibbertia hypericoides* Low Open Heath

Trees: *Banksia attenuata*, *Banksia menziesii*, *Allocasuarina fraseriana*

Shrubs: *Jacksonia sternbergiana*, *Adenanthos cygnorum*, *Hakea ruscifolia*, *Eremaea pauciflora*,
Hibbertia hypericoides, *Stirlingia latifolia*, *Conospermum stoechadis*, 4#*Baeckea camphorosmae*,
Gompholobium tomentosum, *Acacia sessilis*

Adjacent: *Synaphea spinulosa*, 4#*Isopogon dubius*, *Hibbertia subvaginata*

Grasses: *Amphipogon turbinatus*

Herbs: *Dasypogon bromeliifolius*, *Laxmannia squarrosa*, *Lomandra suaveolens*, *Stylidium*
diuroides, *Stylidium piliferum*, *Burchardia umbellata*, *Cassytha* sp, *Comesperma calymega*,
Conostylis setigera, *Conostylis aculeata*,

Adjacent: *Johnsonia pubescens*, *Phlebocarya filifolia*

Sedges: *Mesomelaena pseudostygia*, *Schoenus* sp, *Loxocarya pubescens*

CONDITION

Rating **Good**

Comments: A few *Banksia* trees were observed on higher land to the south in the *Allocasuarina*
Woodland indicating that this association may be the result of a long-standing dieback infection and
repeated fires in the past. Some time has elapsed since the last fire, at least 10-15 years, as there are
mature *Dryandra sessilis* and *Adenanthos cygnorum* are present in this vegetation association

Aerial Photo: Run 14 5129

Soil: cream sand over yellow sand, F1(King and Wells 1990)

Drainage: good

Aspect: gentle, W

Site 48d

ja W Jarrah and *Allocasuarina fraseriana* Woodland over *Conospermum*
stoechadis Open Heath over *Hibbertia hypericoides* Low Shrubland over
Mesomelaena pseudostygia Sedgeland

Trees: *Allocasuarina fraseriana*, *Eucalyptus marginata*

Shrubs: *Hibbertia hypericoides*, 4#*Baeckea camphorosmae*, *Gompholobium tomentosum*, *Bossiaea*
eriocarpa, *Daviesia decurrens*, *Hibbertia huegelii*, *Dryandra nivea*, *Calectasia cyanea*, *Synaphea*

spinulosa, *Petrophile linearis*
Adjacent: *Hakea ruscifolia*, *Xanthorrhoea preissii*

Grasses: 4#*Neurachne alopecuroidea*

Herbs: *Burchardia umbellata*, *Conostylis setigera*, *Conostylis aculeata*, *Drosera stolonifera*,
Stylidium piliferum, *Stylidium diuroides*, *Haemodorum laxum*, *Waitzia citrina*, *Waitzia suaveolens*,
Tricoryne tennella, *Chamaescilla corymbosa*

Sedges: *Mesomelaena pseudostygia*, *Tetraria octandra*, *Lepidosperma* sp

CONDITION

Rating **Good**
Comments: see above

Aerial Photo: Run 14 5129

Soil: cream sand over yellow sand, F1(King and Wells 1990)

Drainage: good

Aspect: gentle, SW

Site 48e

w **LOW** Wandoo Low Open Woodland over *Hakea lissocarpha* Shrubland over
Allocasuarina humilis and *Leucopogon sprengeioides* Low Open Heath
Stylidium bulbiferum Herbland

Trees: *Eucalyptus wandoo*

Shrubs: 4#*Hakea lissocarpha*, *Xanthorrhoea preissii*, *Allocasuarina humilis*, *Leucopogon*
sprengeioides, 4#*Chorizema dicksonii*, *Melaleuca scabra*, *Petrophile striata*, *Phyllanthus calycinus*,
Dryandra nivea, *Hakea erinacea*, *Acacia pulchella*, 4#*Verticordia pennigera*, *Pimelea imbricata*,
4#*Baeckea camphorosmae*, 4#*Darwinia thymoides* ssp, 4#*Hakea stenocarpa*

Grasses: 4#*Neurachne alopecuroidea*, **Briza maxima*

Herbs: *Stylidium bulbiferum*, *Haemodorum laxum*, *Patersonia occidentalis*, *Gonocarpus*
cordiger, *Cassytha flava*

Sedges: *Tetraria octandra*

CONDITION

Rating **Very Good**

Comments: Area to the east cleared and subject to rubbish dumping and invaded by **Avena fatua*,
**Pennisetum clandestinum*, **Eragrostis curvula* and **Trifolium angustifolium* with scattered **Acacia*
podarilifolia and **Cytisus proliferus*

Aerial Photo: Run

Soil: brown loam with lateritic pebbles over laterite and granite, F1(King and Wells 1990)

Drainage: moderate

Aspect: west

SYSTEM 6 BUSHLAND SUBMISSION FORM FOR CONSIDERATION IN THE UPDATE PROGRAMME

If you wish to submit more than one area for consideration in the System 6 update, please use a separate form for each area.

Please fill in each section giving as much information as possible.

LOCATION, OWNERSHIP AND ZONING OF THE AREA

1. Location

Please give as accurate and detailed a description as possible of the site location

Please include either a hand drawn or copied map showing the area of the area

a) Bordering Roads: CONNELL RD.

b) Nearest Corner: CNO ~~Wattlewood Road~~

c) Lot Number: Street Number:

d) Town/Suburb/Location: MARTIN/Kelmscott

e) Local Council: CITY OF GOSWELLS.

f) Site Name (if any):

g) Approximate size of the area (ha):

h) Please locate the area on a map and give us map references if possible:

i) Map: Streetsmart /UBD/Other:

j) Map no.:

k) Grid Ref:

l) Please give any other information that may help us to find the location:

See Map "Threatened or Poorly Reserved Plant Communities"

m) Are you aware of any development proposals that are likely to affect the area?

NOTE: Areas that have already been given development APPROVAL should not be nominated

Please fill out those questions that you can answer

2. Who owns the area? (If owned by the person/s making the nomination please indicate) *Homeowner*

3. If you own the area, and may be interested in participating in conservation on private land initiatives please indicate (and leave your name and address at the end of this submission form)

4. What is the area zoned? (please indicate whether zoning is Town Planning Scheme or Metropolitan Region Scheme)

CAN YOU TELL US A LITTLE ABOUT THE PHYSICAL CHARACTERISTICS OF THE AREA

5. Why do you consider this area important? (Refer to Guiding Issues paper) *See Draft "Darling Range Regional Park" Report Identified during that study. Recommended for inclusion in Darling Range Park.*

6. What is/are the soil type/s and colours ?
Type: Sand/Clay/Gravel/Loam/Silt
Colour: White/Grey/Brown/Orange/Yellow/Red/Black

7. Does the area have any special features such as unusual landforms / landscapes that still retain their natural vegetation? Yes/No
If yes, what are they?

8. Is the area a wetland or does it include a wetland?
If yes, what kind of a wetlands is it?
a) lake
b) river
c) stream
d) swamp
e) estuary
 f) seasonally wet
g) other

9. What percentage of the wetland is open water in summer?

CAN YOU TELL US A LITTLE ABOUT THE VEGETATION /FAUNA ON THE NOMINATED AREA.

10. What percentage of the area is indigenous vegetation?

11. If the area includes regions cleared of native bushland please indicate reasons for the inclusion.

12. Has any previous flora or fauna survey work been done on the area?

If yes, please give details of the work

13. How would you rate the condition of the native bushland? (see attached table)

- a) pristine
- b) excellent
- c) very good
- d) good
- e) degraded
- f) completely degraded
- g) don't know

14. Please indicate the disturbances affecting the area and where appropriate the percentage of the area disturbed.

- a) Partial clearing
- b) fragmentation
- c) Selective removal of species: timber cutting, wildflower picking, mowing dieback and other plant diseases
- d) Fire regime, including intensity, season and frequency
- e) 'Enrichment plantings' that is plantings of species not found in that community
- f) Weed invasion
- g) Animal impact: horses, foxes, rabbits, cats, dogs, camels, goats etc
- h) Soil movement, both removal and dumping
- i) Changes in water regimes; flooding, drainage and watering
- j) Salinity
- k) Fertiliser drift and along waterways nutrient influx
- l) Mining, including that for road works

- m) Grazing: stock, overgrazing by feral or native mammals
- n) Proliferation of tracks, fire breaks and walk trails
- o) Off-road vehicle use
- p) Use as service corridors by the SEC, Main Roads, Water Authority.

(Source: B Keighery. Bushland Plant Survey, September 1994)

15. Does the area contain any plant species of special interest that you know of?
(eg. declared rare flora, priority taxa, outlier populations)

Do you know what they are?

16. Do you know of any native animals that use the area?

Can you list those you know of? (birds, mammals, reptiles, amphibians etc)

17. Is the area used by any native animals of special interest? (eg. endangered species, large/important populations).....

If yes, please name them and indicate source of information

CAN YOU TELL US A LITTLE ABOUT THE SURROUNDING AREA

18. Are there any bushland areas (including wetlands) near to this area?
.....

If yes, how close are they ?

Are they already conservation reserves?

What is their approximate size?

19. Does the submitted area link other bushland areas?

Please attach any additional information about the area which may be of use when assessing it.

AREA INFORMATION

System 6 Area (C or M) or Update Area (Update) CONNELL 48

| |
|--|
| Conservation Area |
| Nature Reserve |
| Reserve No |
| National Park |
| Reserve No |
| Local Government |
| Reserve No |
| Other |
| Proposed Conservation Areas |
| Local Government |
| Reserve No |
| Other Location 290 - Ministry for Planning |

Conservation Area

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

TOTAL AREA

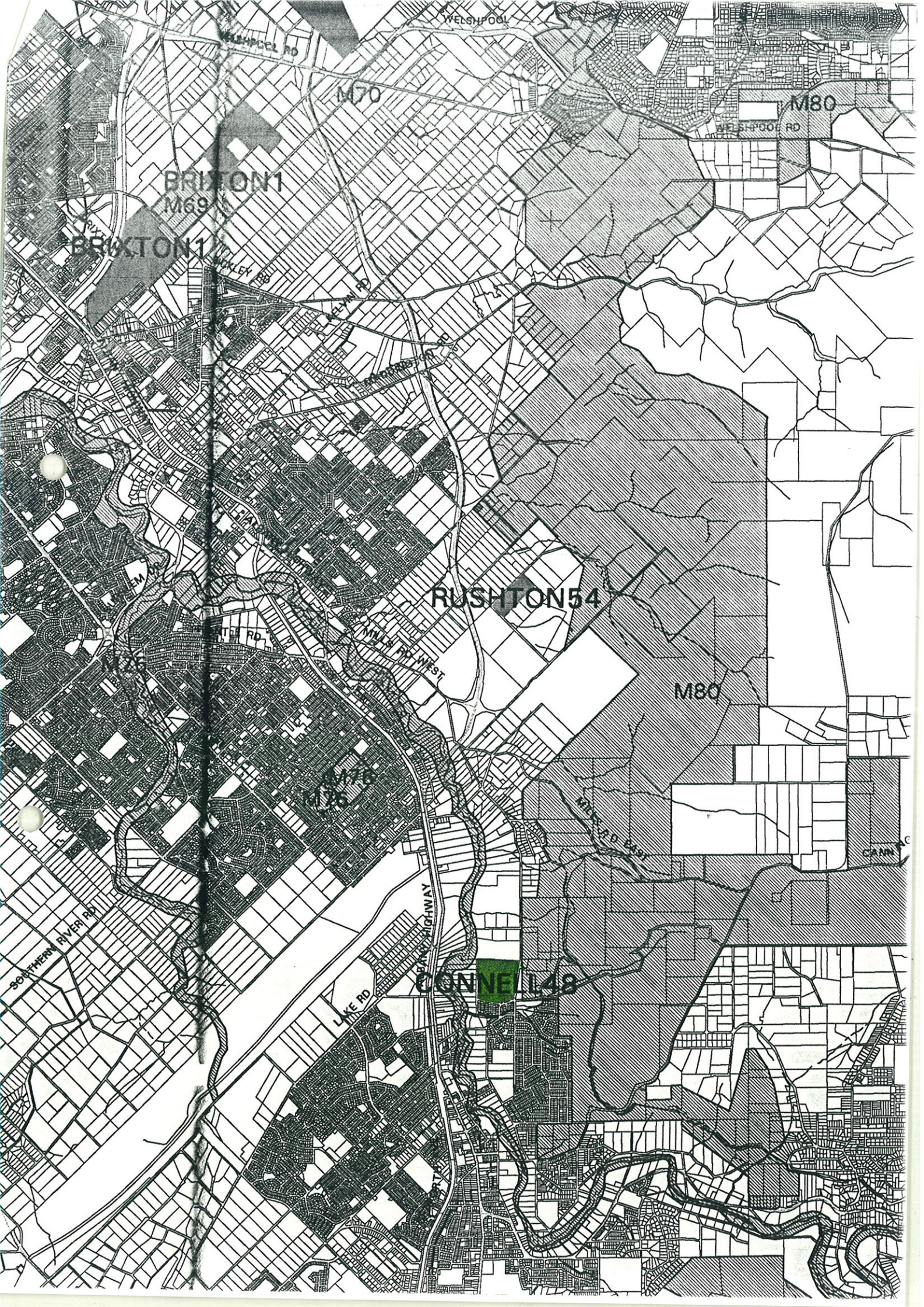
| | |
|---------------------|----------|
| Bushland Area | hectares |
| Completely Degraded | |
| | |
| | |

AREA MAPPED FLORISTIC UNITS

| Units | Site (Condition) | Code | Bound | Area (ha) |
|-------|------------------|------|-------|-----------|
| | NO SITES | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Boundaries determined by use of

| | |
|-------------------|--|
| aerial photograph | Mewa Street Directory run 14 5129 4/1/91 |
| orthophoto | |
| vegetation map | |
| soil map | |



BRITTON1
M69

BRITTON1

M70

M80

RUSHTON54

M80

CONNEL49

WELSHPOOL RD

WELSHPOOL

WELSHPOOL RD

WELSHPOOL RD

WELSHPOOL RD

WELSHPOOL RD

WELSHPOOL RD

SOUTHERN RIVER RD

LAKE RD

CANNON

1115

B C D

2 of ABCD

K

L E

E or F

G or H

F

KL + IJ TO GO

I

G

H



Contact
Peter MacLean of
the cemeteries Board
once we have an idea
of the floristic importance
of Connell 48 site.

14/3/96

Loc

K.M.M. PLED

- State Forest - BURNSIDE RD (SMALL)
* NR - CAROUP NR (MOST AREA)
LG - BRICK WOOD (SMALL)
Private - NORMAN ROAD (PRIVATE - SMALL)
Com - PERTH AIRPORT (SMALL)
LG - RUSHTON RD
* NR - LAMBKIN RESERVE (SMALL)
LG - YARLOOP (SMALL AREA)

* Protected

CONTIGUOUS SCARD/PLATEAU

= CONNELL

+ RUSHTON (through
cleared area)