

WUNGONG BROOK, BYFORD

Boundary Definition: protected area/bushland/conservation wetland boundary

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 266

Area (ha): bushland 9.9

Map no. 67

Map sheet series ref. no. 2033–I SE, 2133–IV SW

Other Names: not known

Local Authorities (Suburb): Shire of Serpentine-Jarrahdale (Darling Downs, Brookdale)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Pinjarra Plain

Guildford Formation (Qpa: Cs) (Qha: Msc1)

Bassendean Dunes

Bassendean Sands (Qpb: S8)

VEGETATION AND FLORA

Vegetation Complex

Pinjarra Plain

Guildford Complex

Floristic Community Types: not sampled, types not inferred

WETLANDS

Wetland Types: palusplain, river, creek, artificial channel

Natural Wetland Groups

Pinjarra Plain

Keysbrook (P.1)

Wetland Management Objectives: Conservation (15.3ha, 64m), Multiple Use

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Not determined

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: creek, vegetated wetlands

Vegetation and Flora: limited survey (Connell 1995); aerial photograph interpretation

Structural Units

Wetlands: *Eucalyptus rudis* Woodland to Forest; *Eucalyptus calophylla* and/or *Eucalyptus wandoo* Woodland; *Melaleuca raphiophylla* Low Forest to Low Woodland

Scattered Native Plants: not assessed

Vegetation Condition: varies from patches in Excellent Condition with an understorey of sedges and shrubs, to Completely Degraded with a pasture/weed understorey

Total Flora: not known

Significant Flora: none recorded

Fauna: not known

Linkage: adjacent bushland/canopy to the west, adjacent creekline canopy to the east (across road); part of Greenways 70, 106, 119 (Tingay, Alan & Associates 1998a); part of a regionally significant fragmented bushland/wetland linkage (Part A, Map 7)

Other Special Attributes: bushland/naturally vegetated watercourses have particular conservation value in providing habitat for fauna and linkage between larger, more intact areas of bushland; contains 1667m of regionally significant river (WRC 1996a GIS)

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Not listed

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation, Criteria not relevant to determination of regional significance, but which may be applied when evaluating areas having similar values

Recommendation: Part A: Site with Some Existing Protection; existing Parks and Recreation Reserve. Part B: Creekline; Regional Creekline Mechanism (with mapped vegetation) (see Table 3, Volume 1).

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SECTION 1: CADASTRAL INFORMATION

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

Bushplan Site no. 266 **Map no.** 76, 83, 84 **Map sheet series ref. no.** 2033-I SE, 2133-IV SW

Other Names: not known

Area (ha): total 26.2; bushland 9.9

Local Authorities (Suburb)

Zoning

Shire of Serpentine-Jarrahdale (Darling Downs, Brookdale)

MRS: Rural, Parks and Recreation, Railways

TPS: General Rural, Landscape, Parks and Recreation, Public Open Space, Rural, Special Rural

Ownership Categories

Private (including commercial organisation), State Government, Not identified

Lot/Location/Reserve numbers (Purpose),

Street name

(Riverine and creekline lots not identified)
12, 13 South Western Hwy; 15, 3626 Wungong South Rd
Crown Reserve

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Total Flora: not known

Significant Flora: none recorded

Fauna: no known information

Linkage: adjacent bushland to the west; part of proposed Greenways 86, 135 (Tingay, Alan & Associates 1997a); part of a regionally significant fragmented bushland/wetland linkage (Volume 2A, Map 8)

Other Special Attributes: bushland/naturally vegetated watercourses have particular conservation value in providing habitat for fauna and linkage between larger, more intact areas of bushland; contains 1667m of regionally significant river (WRC 1996a GIS)

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Opportunities and/or Constraints

Opportunities: Bushplan Site/part Bushplan Site subject to Peel-Harvey Estuary EPP/SPP, Swan and Canning Rivers EPP; location of conservation category wetlands; under MRS Parks and Recreation Reservation and TPS Landscape Zoning, Public Open Space Zoning and Parks and Recreation Zoning, Crown Reserve

Constraints: private land; under General Mineral Resource Area (clay and shale)

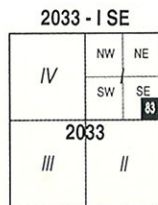
Recommendation: The most appropriate mechanism for the protection of this Bushplan Site be considered through the public comment period in consultation with the land owner(s).



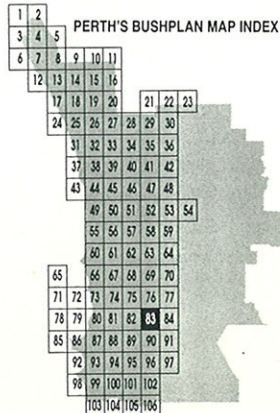


LEGEND

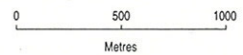
- 472 Bushplan Sites With Regionally Significant Bushland
- Other Native Vegetation
- Conservation Category Wetlands
- Bushplan Sites With Some Existing Protection
- 696 Lot Number, Location Number
- Channel Wetlands
- Local Government Boundary



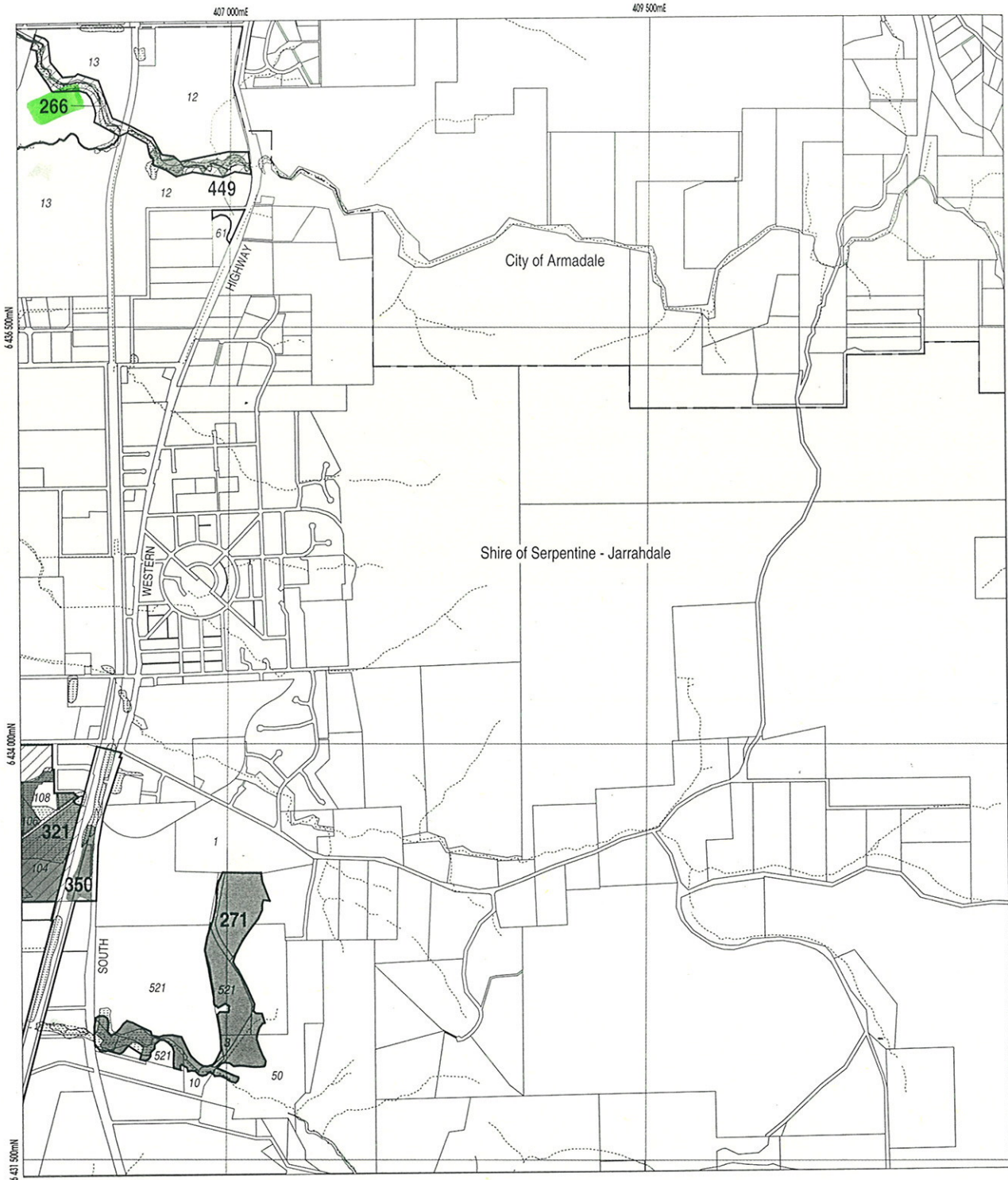
1 : 25 000 AMG Reference Grid showing Perth's Bushplan Map Sheet Breakdown



SCALE

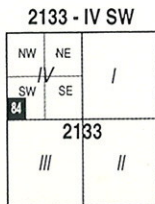


Produced by Project Mapping Section
Land Information Branch, Ministry for
Planning, Perth W.A. November 1998
ntw-map9/environ/bushplan/bushv2_83.dgn
Cadastral Data supplied by Department
of Land Administration, W.A.
Wetlands Data supplied by
Water and Rivers Commission
Native Vegetation Extent for Study Area
supplied by Agriculture Western Australia

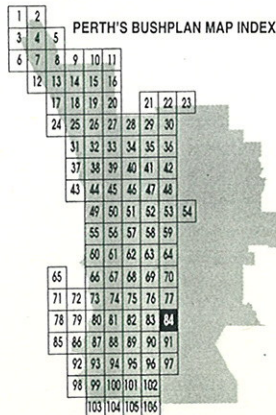


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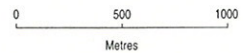
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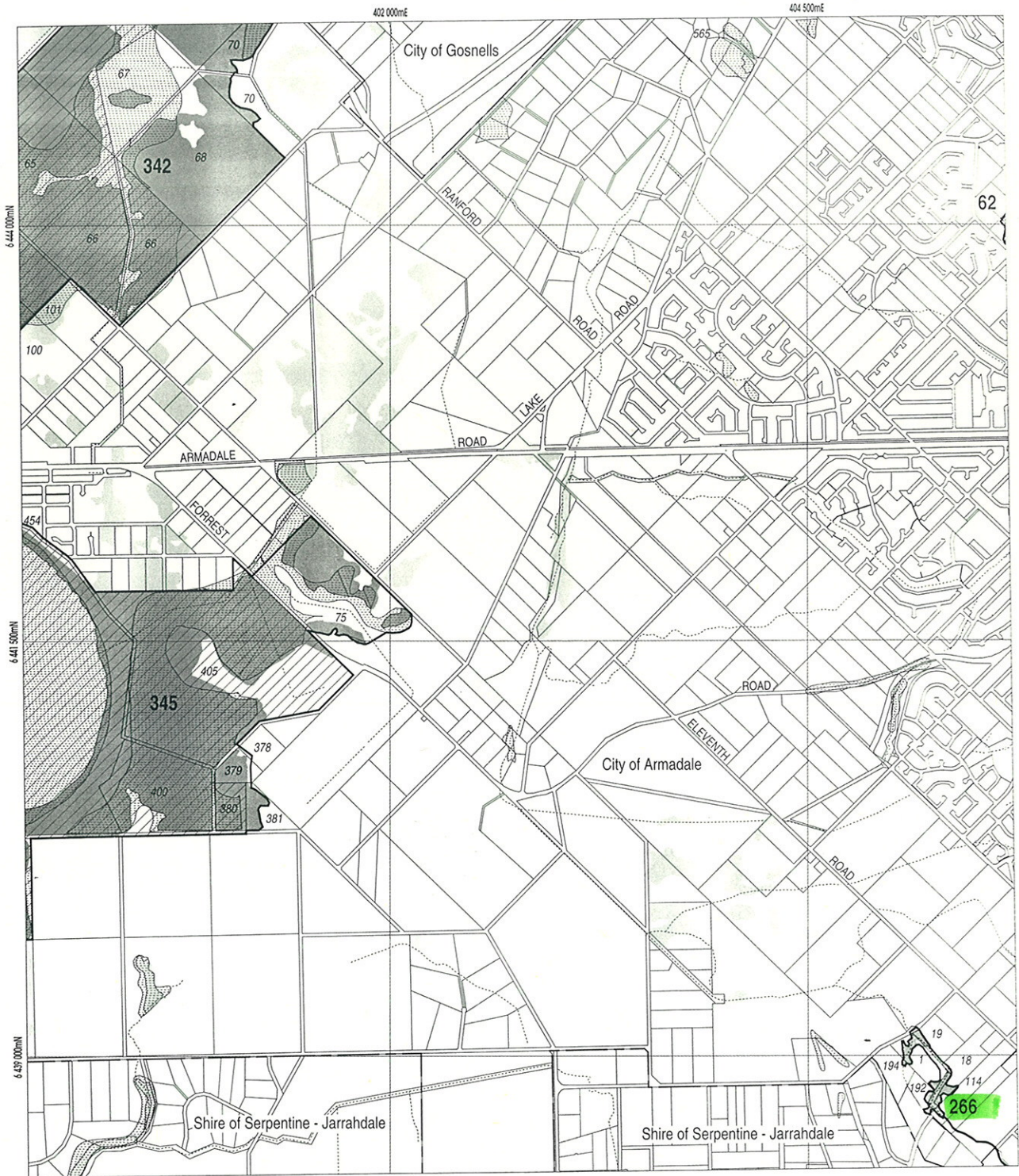
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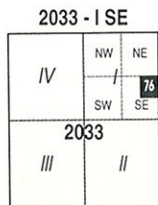


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Land Information Branch, Ministry for
Planning, Perth W.A. November 1998
ntw-map9/environ/bushplan/bushv2_84.dgn
Cadastral Data supplied by Department
of Land Administration, W.A.
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Native Vegetation Extent for Study Area
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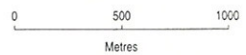
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PERTH'S BUSHPLAN MAP INDEX

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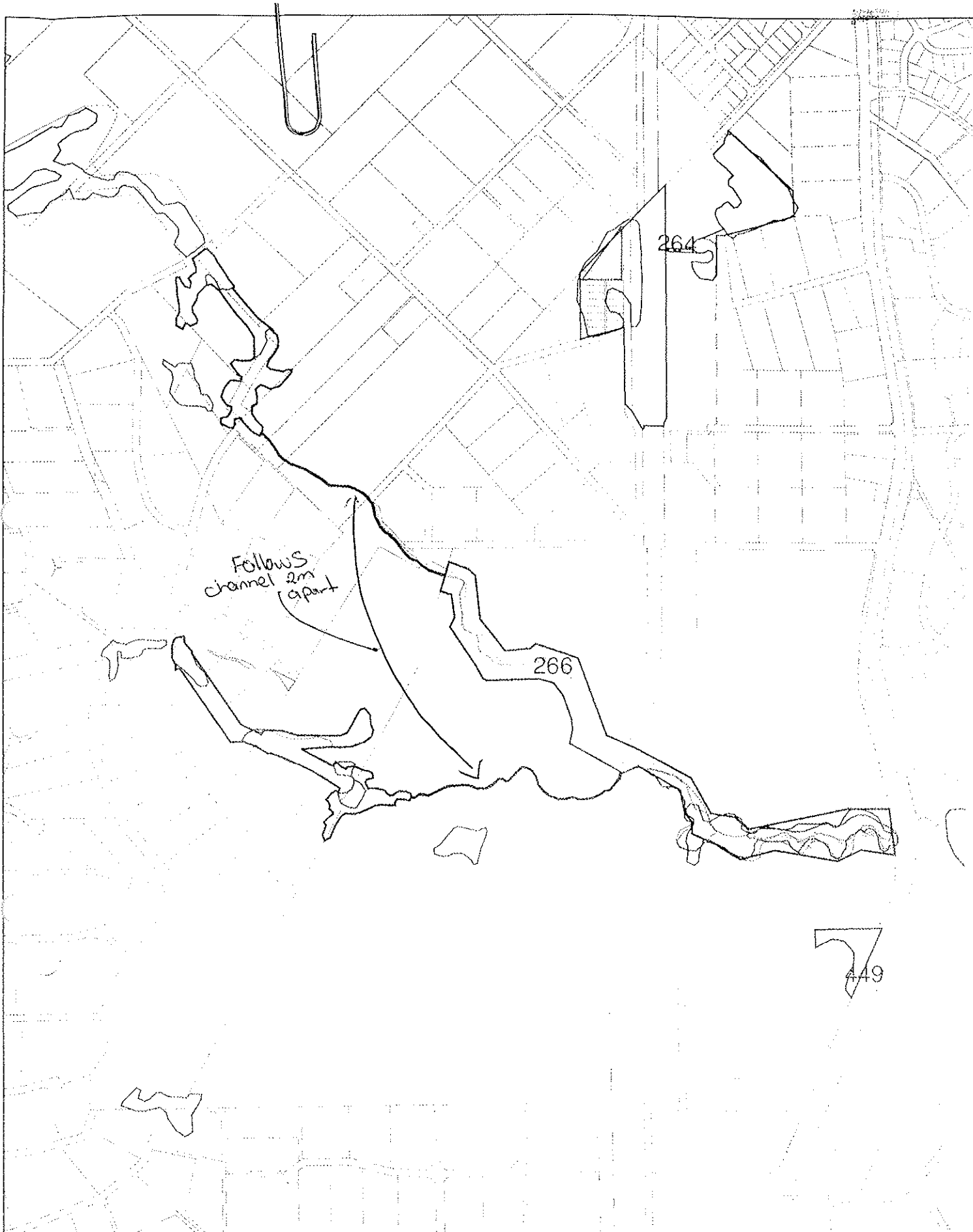


SCALE



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Land Information Branch, Ministry for
Planning, Perth W.A. November 1998
ntw-map9/environ/bushplan/bushv2_76.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

- to incorporating this area in the Shire's Conservation Zone Policy Area, through the Rural Strategy Review process. (Area 33.2 ha)
- xiii. Serpentine National Park & adjacent bushland Site [redacted] Vol 2 115-116 CALM managed land. Major need for weed control in National Park and adjacent state government lands.
 - xiv. Kingsbury Drive Bushland Site [redacted] Vol 2 Pg 117 Council notes the importance of this vegetation and believes that protection and management of the site's vegetation is best achieved by working directly with the affected landowners. Consideration may be given to incorporating this area in the Shire's Conservation Zone Policy Area, through the Rural Strategy Review process. (Area 40.6 ha). One-to-one consultation with landowners is required.
 - xv. Myara Brook Bushland Site [redacted] Vol 2 pg 118 -119, known locally as the Myara Brook Reserve; currently undergoing vesting change to be vested with Local Authority for the purposes of protection of Indigenous Flora and Fauna. Active management by local authority and community with support of federal and state government grants. Council supports retention of reserve, with assistance from State Government to fund management.
 - xvi. Anketell Road Bushland Site [redacted] 347, Vol 2 Pg 213-214; Shire supports inclusion of land within Jandakot Botanical Park, except for cleared areas which should be assessed for alternative or complementary uses. Council proposes to site the Oakford voluntary Fire Brigade and a small meeting place on a 4000 m2 lot on the Pony Way frontage. This site is surrounded by a clearing of over 20 ha. Usage of this small portion of the clearing for community uses is complementary to the protection of the remaining 558.1 ha.
 - xvii. Modong Nature Reserve and adjacent bushland Site [redacted] 348 Vol 2 pg 219 - Council notes the importance of this vegetation and the inclusion of private property.
 - xviii. Duckpond Bushland Site [redacted] Vol 2 pg 222. Council notes the importance of this vegetation. Council believes that protection and management of the site's vegetation is best achieved by working directly with the affected landowners. Consideration may be given to incorporating this area in the Shire's Conservation Zone Policy Area, through the Rural Strategy Review process (area: 23.5 ha). One-to-one consultation with landowners is required.
 - xix. Banksia Road Nature Reserve Site [redacted] Vol 2 pg 223-224. CALM estate.
 - xx. Lowlands Bushland Site [redacted] 353 & [redacted] Vol 2 pg 224-227. Council notes the inclusion of this site in Perth's Bushplan. These sites are two of three properties currently before the Ministry for Planning for rezoning to Conservation. It is important that the rezonings be finalized as a matter of priority, so that an example is set for the Perth Metropolitan Area.
 - xxi. Henderson Road Bushland Site [redacted] Vol 2 pg 229-230. Council notes the importance of this vegetation. Assistance needs to be given to landowners to fence off vegetation from stock. Council believes that protection and management of the site's vegetation is best achieved by working directly with the affected landowners. Consideration may be given to incorporating this area in the Shire's Conservation Zone Policy Area, through the Rural Strategy Review process. One-to-one consultation with landowners is required.
 - xxii. Yangedi Swamp and adjacent Bushland, Site [redacted], pg 230-231, Council notes the importance of this vegetation. Assistance needs to be given to landowners to fence off vegetation from stock. Consideration will be given to incorporating this area in the Shire's Conservation Zone Policy Area, through the Rural Strategy Review process. One-to-one consultation with landowners is required. The site also includes one property currently before the Ministry for Planning for rezoning to Conservation. It is important that the rezoning be finalized as a matter of priority, so that an example is set for the Perth Metropolitan Area and other landowners. One-to-one consultation with landowners is required.
 - xxiii. Wungong Brook Site [redacted] Vol 2 pg 402-403 Council notes the importance of this vegetation. Protection of the vegetation should be achieved through its inclusion in the proposed public reserve.



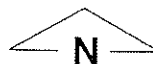
BUSHPLAN SITES CORRECTED

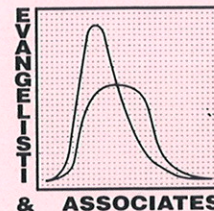


WESTERN
AUSTRALIAN
PLANNING
COMMISSION



3-16-81/196





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

BS 266
Wungong
Brook
RIVERS

SWAN RIVER TRUST

Fringing vegetation of the Canning, Southern and Wungong Rivers



Swan River Trust
Report No 7
1993

**Full document
available
on request**

