

ELLEN BROOK, UPPER SWAN

Boundary Definition: bushland/conservation wetland boundary

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 296

Area (ha): bushland 44.1 (Site includes open water.)

Map no. 24, 31, 32

Map sheet series ref. no. 2134-IV SW

Other Names: not known

Local Authorities (Suburb): Shire of Swan (Bullsbrook)

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Pinjarra Plain

Guildford Formation (Qpa: Mgs1, S11)

VEGETATION AND FLORA

Vegetation Complexes

Pinjarra Plain

Guildford Complex

Beermullah Complex

Floristic Community Types: not sampled, types not inferred

Supergroup 1: Foothills/Pinjarra Plain

Supergroup 2: Seasonal Wetlands

WETLANDS

Wetland Types: palusplain, river, creek, artificial channel

Natural Wetland Groups (undefined areas included in boundary)

Swan Coastal Plain Rivers

Ellen Brook (R.3)

Wetland Management Objectives: Conservation (45.4ha), Multiple Use

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Not determined

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: open water, vegetated wetland, creek

Vegetation and Flora: limited survey (Connell 1995, DEP 1996, 1998)

Structural Units/Scattered Native Plants

Wetlands (river banks and wetflats): *Eucalyptus rudis* Open Forest to Woodland over/or *Melaleuca raphiophylla*

Low Open Forest to Low Woodland

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

Significant Flora: none recorded

Fauna: not known

Linkage: bushland canopy linkage to the north (Site 294) and south (Site 301); part of Greenway 44 (Tingay, Alan & Associates 1998a); part of a regionally significant contiguous bushland/wetland linkage (Part A, Map 7)

Other Special Attributes: naturally vegetated watercourses have particular conservation value in providing habitat for fauna and linkage between larger more intact areas of bushland; contains a channel (Ellen Brook) recommended for conservation by Semeniuk, V&C Research Group (1992); contains 7706m 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, Maintaining ecological processes or natural systems, 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: 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. 296 **Map no.** 36

Map sheet series ref. no. 2134-IV SW

Other Names: not known

Area (ha): total 57.2; bushland 44.1

Local Authorities (Suburb)

Zoning

Shire of Swan (Bullsbrook)

MRS: Rural, Other Major Highways, Public Purposes-Commonwealth

TPS: General Rural, Landscape

Ownership Categories

Lot/Location/Reserve numbers (Purpose),

Private (including commercial organisation), State

Street name

Government, Local Government, Commonwealth

(Creepline and riverine lots not identified)

Government, Not identified

158 Warren Rd; 1 street not identified

Crown Reserve

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Significant Flora: none recorded

Fauna: no known information

Linkage: bushland canopy linkage to the north (BS294), south (BS301) and west; part of proposed Greenway 50 (Tingay, Alan & Associates 1997a); part of a regionally significant contiguous bushland/wetland linkage (Volume 2A, Map 8)

Other Special Attributes: naturally vegetated watercourses have particular conservation value in providing habitat for fauna and linkage between larger more intact areas of bushland; contains a channel (Ellen Brook) recommended for conservation by Semeniuk, V&C Research Group (1992); contains 7706m of regionally significant river (WRC 1996a GIS)

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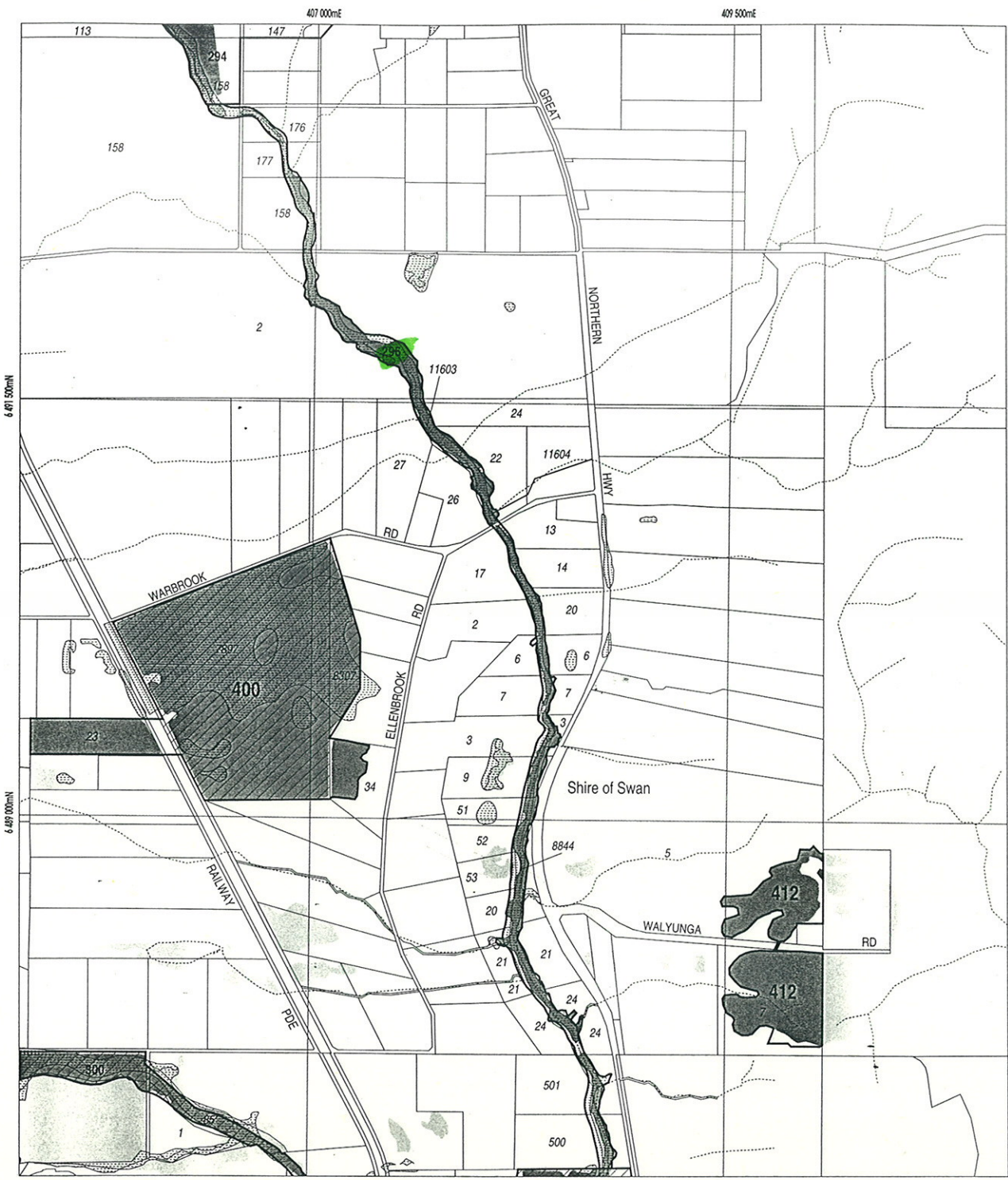
Opportunities and/or Constraints

Opportunities: Bushplan Site/part Bushplan Site subject to Swan and Canning Rivers EPP; location of conservation category wetlands; under TPS Landscape Zoning, Crown Reserve

Constraints: private land; under MRD regional road requirements, General Mineral Resource Area (clay)

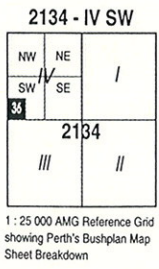
Recommendation: The most appropriate mechanism for the protection of this Bushplan Site be considered through the public comment period in consultation with the land owner(s).





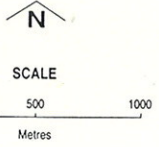
LEGEND

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

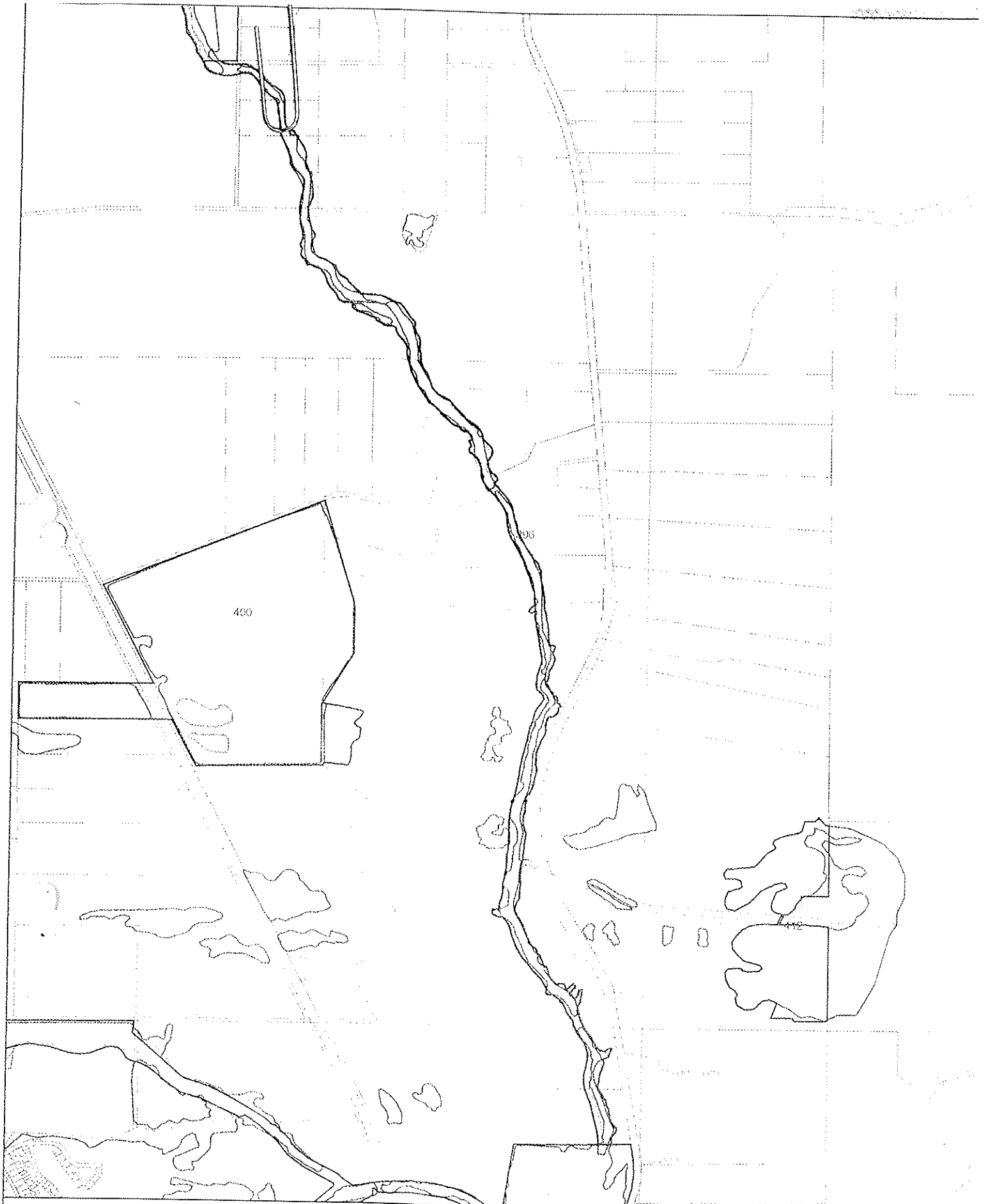


PERTH'S BUSHPLAN MAP INDEX

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Produced by Project Mapping Section
Land Information Branch, Ministry for
Planning, Perth W.A. November 1998
ntw-map11/environ/bushplan/bushv2_36.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

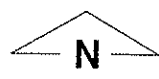
296

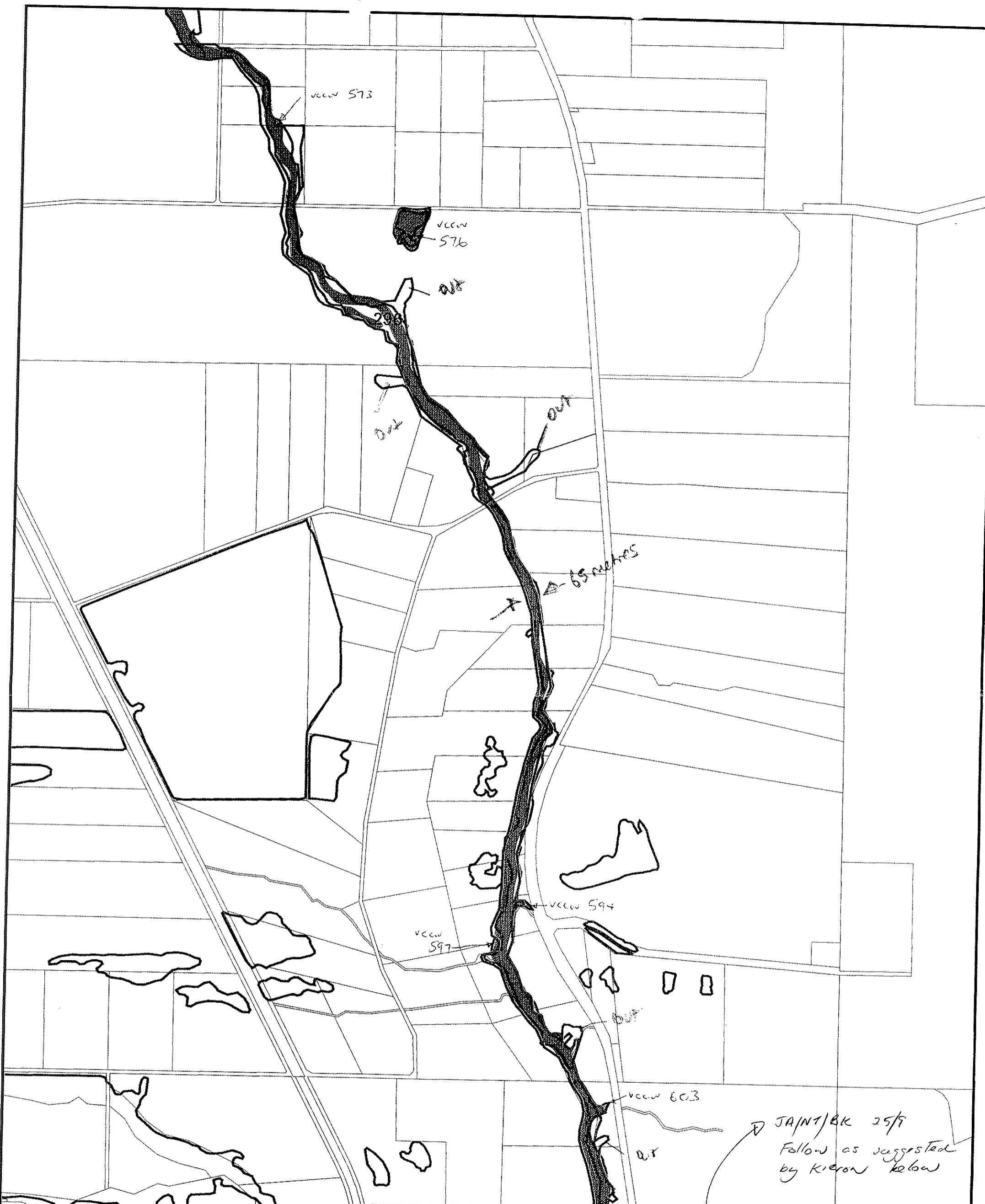


WESTERN AUSTRALIAN PLANNING COMMISSION








B 76 22/10/98





bp site 296

Map Ident: plot980528_1	DATE: 28 May 98
Prepared By: Andrea Zappacosta	Prepared For:
Scale 1:AUTO	MFP INTERNAL USE ONLY

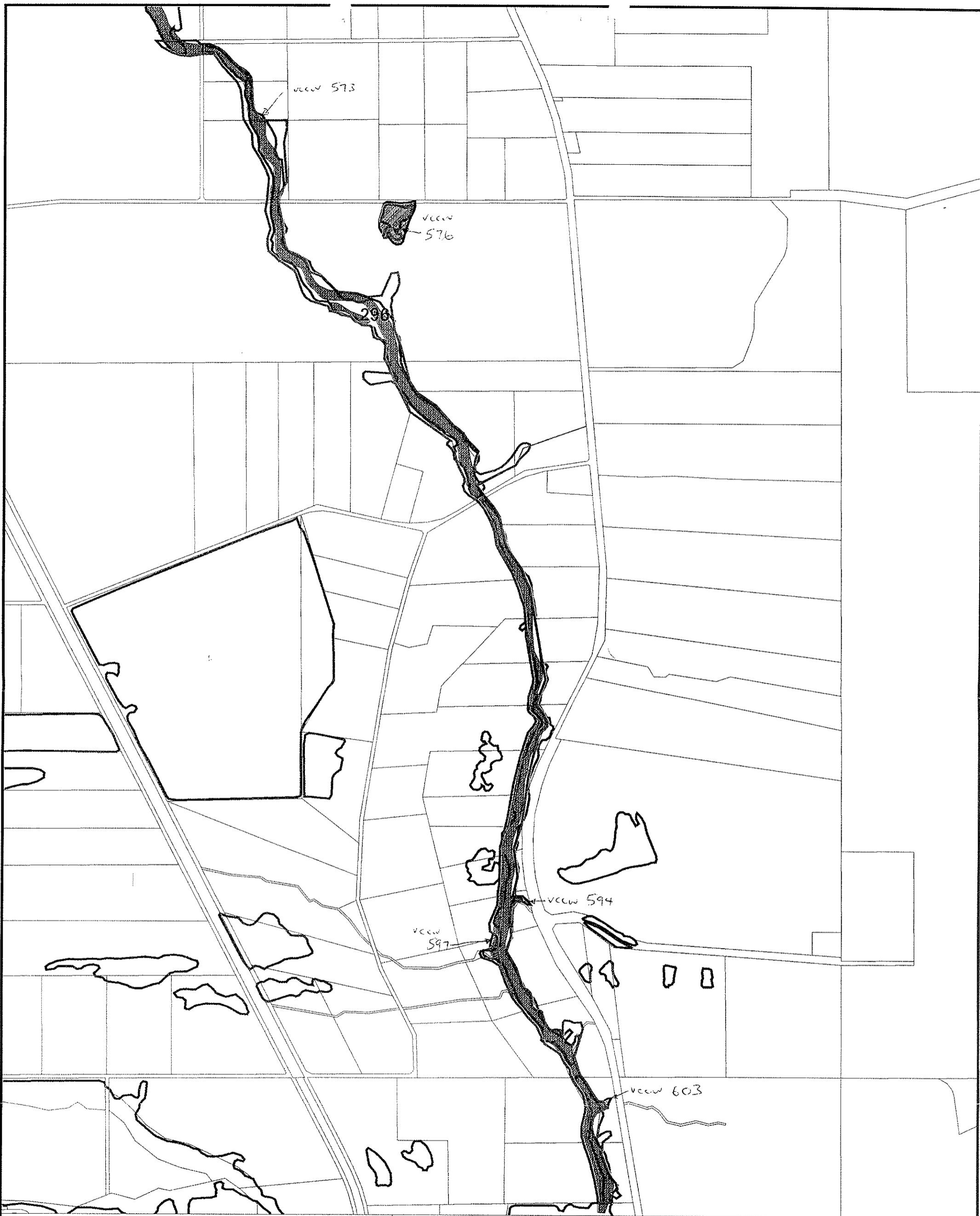
-  AG VEG 1998 BOUNDARY THEME
-  Cadastre
-  Bushplan sites refno 1-500 SCP BOUNDARY THEME
-  cons category wetlands
-  Verified CCWs

JAIN/BAK 25/9
Follow as suggested
by Kieron below






BJK 15/7
To general river/creek
decision

Cliff
General follow AgVA + vccw line
along creek brook





bp site 296

-  AG VEG 1998 BOUNDARY THEME
-  Cadastre
-  Bushplan sites refno 1-500 SCP BOUNDARY THEME
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*BJK 15/7
To general river/creek
decision*

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0  1.25 Km