

## NORTH EAST ELLEN BROOK BUSHLAND, BULLSBROOK

**Boundary Definition:** management/bushland/conservation wetland boundary

### SECTION 1: LOCATION INFORMATION

**Bush Forever Site no. 2** Area (ha): bushland 50.8

**Map no.** 17, 24

**Map sheet series ref. no.** 2034-I NE, 2134-IV NW

**Other Names:** Submission Area 279, Location 110 (Keighery, BJ, and Trudgen 1992)

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

### SECTION 2: REGIONAL INFORMATION

#### LANDFORMS AND SOILS

##### Pinjarra Plain

Guildford Formation (Qpa: Mgs1)

Fluvial Channel with Seasonal Flow (Qpa: S11)

#### VEGETATION AND FLORA

##### Vegetation Complexes

###### Pinjarra Plain

Beermullah Complex (at northern limit)

Yanga Complex (in area of southern limit)

**Floristic Community Types:** \*not sampled, types inferred

##### Supergroup 2: Seasonal Wetlands

5 Mixed shrub damplands

\*11 Wet forests and woodlands

##### Supergroup 4: Uplands centred on Spearwood and Quindalup Dunes

\*28 Spearwood *Banksia attenuata* or *B. attenuata* — *Eucalyptus* woodlands (eastern representation of this community type)

#### WETLANDS

**Wetland Types:** palusplain, creek

##### Natural Wetland Groups

###### Swan Coastal Plain Rivers

Ellen Brook (R.3)

**Wetland Management Objectives:** Conservation (19.7ha), Multiple Use

**Swan Coastal Plain Lakes EPP:** none identified

#### THREATENED ECOLOGICAL COMMUNITIES

Not assessed

### SECTION 3: SPECIFIC SITE DETAIL

**Landscape Features:** vegetated wetland, river (Ellen Brook), vegetated uplands

**Vegetation and Flora:** limited survey (DEP 1996 (Mill 01), DEP 2000)

##### Structural Units

Uplands: *Banksia attenuata* and *Banksia menziesii* Low Woodland

Wetlands: *Eucalyptus rudis* Closed Forest; *Melaleuca raphiophylla* Low Forest; *Melaleuca* sp. B Open Low

Heath with *Actinostrobilus pyramidalis* clumps; *Melaleuca* sp. B, *Scholtzia involucreta* and *Pericalymma*

*ellipticum* Closed Low Heath; Herblands dominated by *Borya sphaerocephala* and Asteraceae species;

Sedgeland dominated by *Harperia lateriflora* and mixed species

**Scattered Native Plants:** not assessed

**Vegetation Condition:** >75% Excellent to Very Good, 25% Good to Degraded, with areas of severe localised disturbance in woodland beside river

**Total Flora:** 36 native taxa, 12 weed taxa (plot-generated list, DEP 1996)

**Significant Flora:** *Verticordia lindleyi* subsp. *lindleyi* (4); *Burchardia bairdiae*, *Agrostocrinum scabrum* (non-scabrid form, uncommon on the Swan Coastal Plain), *Darwinia* sp. *Muchea* (BJK 2006) (uncommon taxon confined to *Muchea* area), *Harperia lateriflora*

**Fauna:** not known

**Linkage:** canopy linkage to north and south along Ellen Brook; part of Greenway 44 (Tingay, Alan & Associates 1998a); part of a regionally significant fragmented bushland/wetland linkage (Part A, Map 7)

**Other Special Attributes:** contains plant communities representative of the eastern side of the Swan Coastal Plain; contains 1828m 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, Diversity, Rarity, Scientific or evolutionary importance, General criteria for the protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation

**Recommendation:** Part A: Regional Creekline Mechanism (with mapped vegetation). Part B: Proposed Parks and Recreation Reservation (see Table 3, Volume 1).

**NORTH EAST ELLEN BROOK BUSHLAND, BULLSBROOK**

**Boundary Definition:** management/bushland/conservation wetland boundary

**SECTION 1: CADASTRAL INFORMATION**

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

**Bushplan Site no. 2**      **Map no. 21, 22**      **Map sheet series ref. no. 2034-I NE, 2134-IV NW**

**Other Names**

Submission Area 279, Location 110 (Keighery, BJ, and Trudgen 1992)

**Local Authorities (Suburb)**

Shire of Swan (Bullsbrook)

**Ownership Categories**

Private, State Government

**Area (ha):** total 51.5; bushland 50.8

**Zoning**

**MRS:** Rural

**TPS:** General Rural

**Lot/Location/Reserve numbers (Purpose),**

**Street name**

(creekline lots not identified)

55 Railway Rd; 36, 38, 39, 40 Great Northern Hwy; 58,

11984 street not identified

Crown Reserve

**SECTION 2: REGIONAL INFORMATION**

**LANDFORMS AND SOILS**

**Pinjarra Plain**

Guildford Formation (Qpa: Mgs1)

Fluvial Channel with Seasonal Flow (Qpa: S11)

**VEGETATION AND FLORA**

**Vegetation Complexes**

**Pinjarra Plain**

Beermullah Complex (at northern limit)

Yanga Complex (in area of southern limit)

**Floristic Community Types:** \*not sampled, type inferred

**Supergroup 2: Seasonal Wetlands**

5 Mixed shrub damplands

\*11 Wet forests and woodlands

**Supergroup 4: Uplands centred on Spearwood and Quindalup Dunes**

\*28 Spearwood *Banksia attenuata* or *B. attenuata* — *Eucalyptus* woodlands (eastern representation of this community type)

**WETLANDS**

**Wetland Types:** palusplain, creek

**Natural Wetland Groups**

**Swan Coastal Plain Rivers**

Ellen Brook (R.3)

**Wetland Management Objectives:** Conservation (25.2ha), Multiple Use

**Swan Coastal Plain Lakes EPP:** none identified

**THREATENED ECOLOGICAL COMMUNITIES**

Not assessed

**SECTION 3: SPECIFIC SITE DETAIL**

**Landscape Features:** vegetated wetland, river (Ellen Brook), vegetated uplands

**Vegetation and Flora:** limited survey (DEP 1996 (Mill 01))

**Structural Units**

Uplands: *Banksia* Woodland

Wetlands: *Eucalyptus rudis* Closed Forest; *Melaleuca raphiophylla* Low Forest; *Melaleuca* sp. B Open Low Heath with *Actinostrobilus pyramidalis* clumps; Herblands dominated by *Borya sphaerocephala* and Asteraceae species; Sedgelands dominated by *Harperia lateriflora* and mixed species

**Scattered Native Plants:** not assessed

**Vegetation Condition:** >75% Excellent to Very Good, 25% Good to Degraded, with areas of severe localised disturbance in woodland beside river

**Total Flora:** 36 native taxa, 12 weeds (plot-generated list, DEP 1996)

**Significant Flora:** *Verticordia lindleyi* subsp. *lindleyi* (4); *Burchardia bairdiae*, *Agrostocrinum scabrum* (non scabrid form, uncommon on the SCP), *Darwinia* sp. *Muchea* (BJK 2006) (uncommon taxon confined to *Muchea* area), *Harperia lateriflora*

**Fauna:** no known information



**Linkage:** canopy linkage to north and south along Ellen Brook; part of proposed Greenway 50 (Tingay, Alan & Associates 1997a); part of a regionally significant fragmented bushland/wetland linkage (Volume 2A, Map 8)

**Other Special Attributes:** contains plant communities representative of the eastern side of the Swan Coastal Plain; contains 1828m 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, Diversity, Rarity, Scientific or evolutionary importance, General criteria for the protection of wetland, streamline and estuarine fringing and coastal vegetation

**Opportunities and/or Constraints**

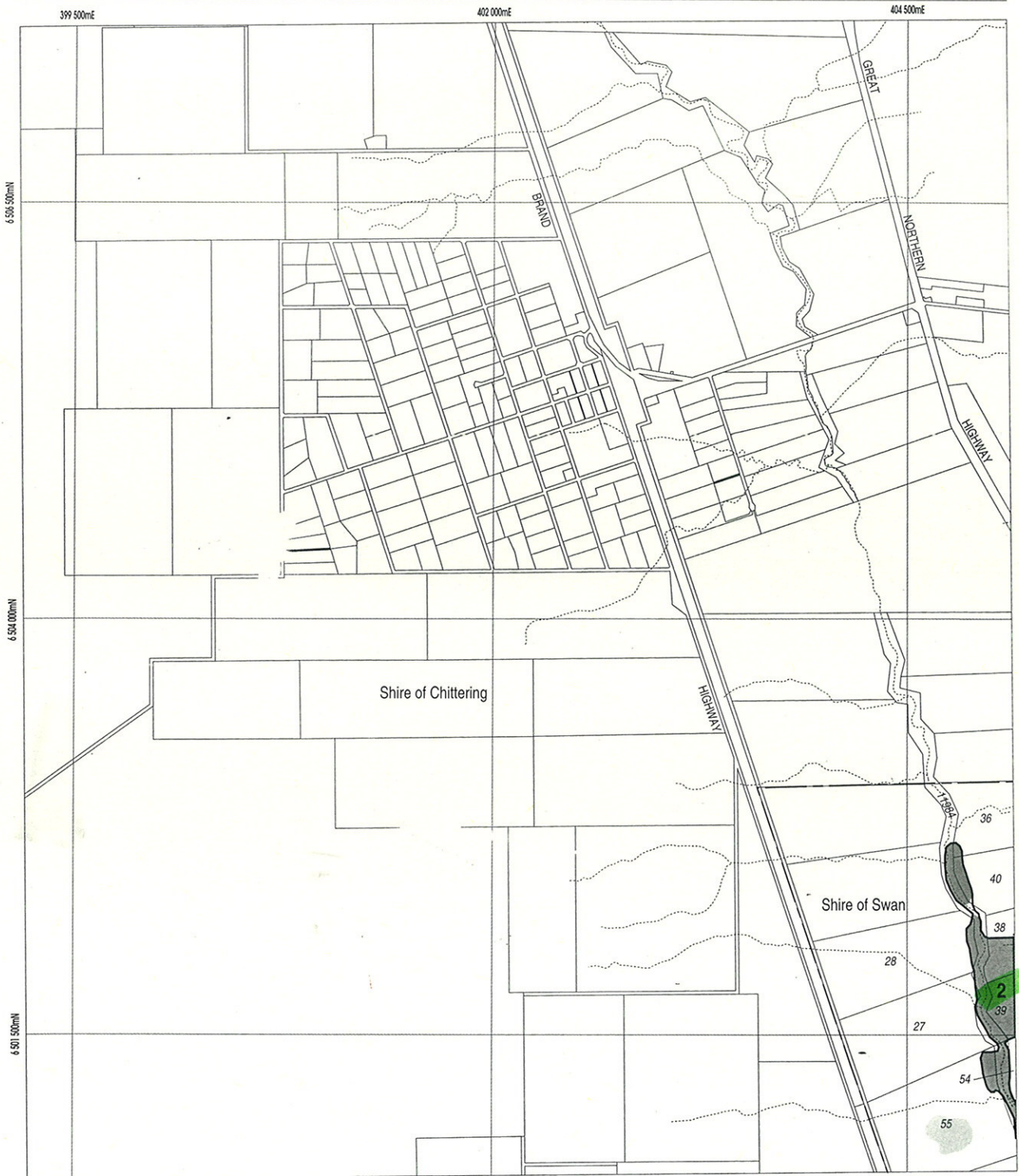
Opportunities: Bushplan Site/part Bushplan Site subject to Swan and Canning Rivers EPP; location of conservation category wetland; under Crown Reserve

Constraints: private land

**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

**2034 - I NE**

|    |    |    |
|----|----|----|
| IV | NW | NE |
|    |    | 21 |
|    | SW | SE |

**2034**

|     |    |
|-----|----|
| III | II |
|-----|----|

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

**PERTH'S BUSHPLAN MAP INDEX**

|     |     |
|-----|-----|
| 1   | 2   |
| 3   | 4   |
| 5   | 6   |
| 7   | 8   |
| 9   | 10  |
| 11  | 12  |
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| 101 | 102 |
| 103 | 104 |
| 105 | 106 |

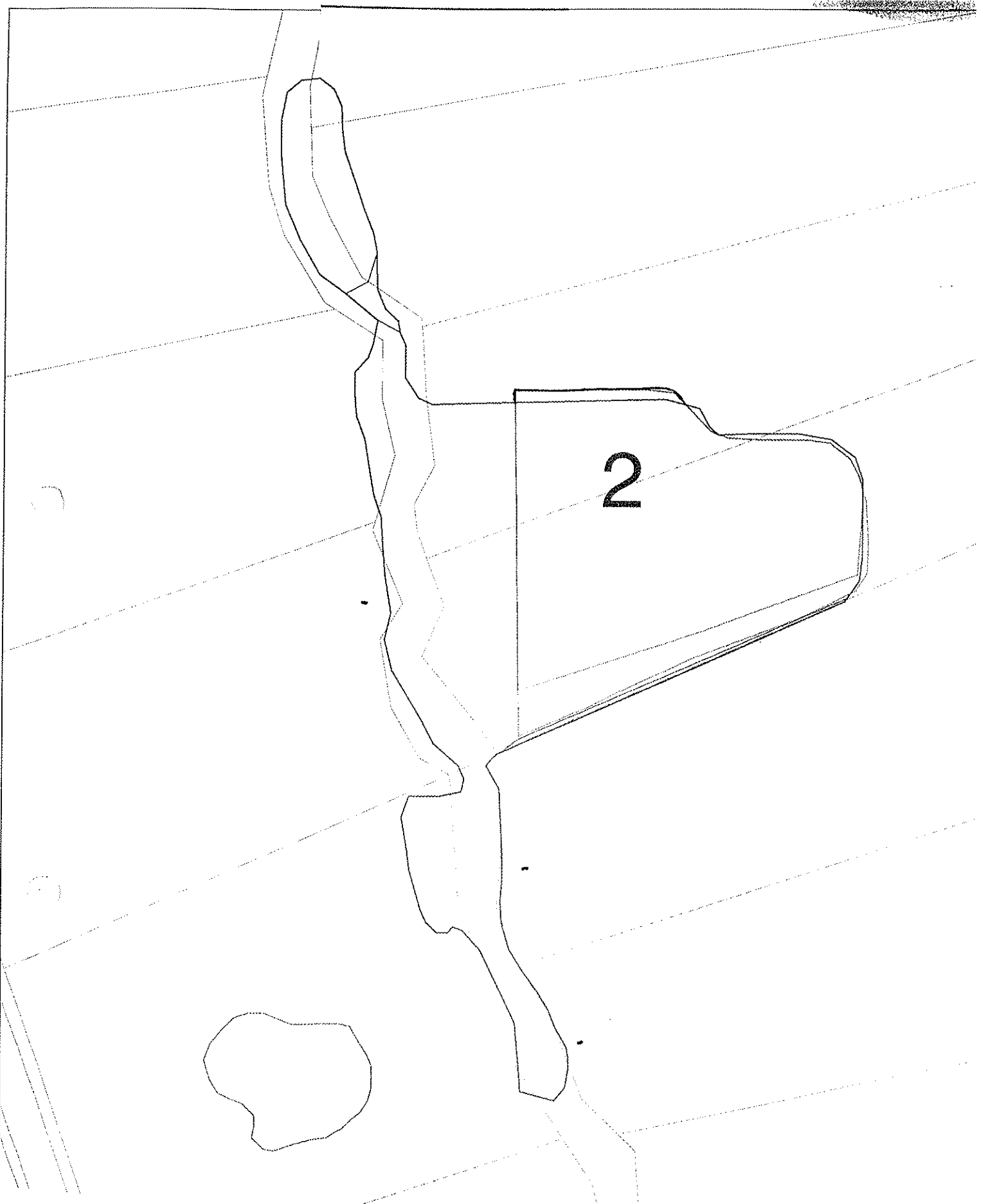
**N**

**SCALE**

0      500      1000

Metres

Produced by Project Mapping Section  
Land Information Branch, Ministry for  
Planning, Perth W.A. November 1998  
ntw-map77/environ/bushplan/bushv2\_21.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**



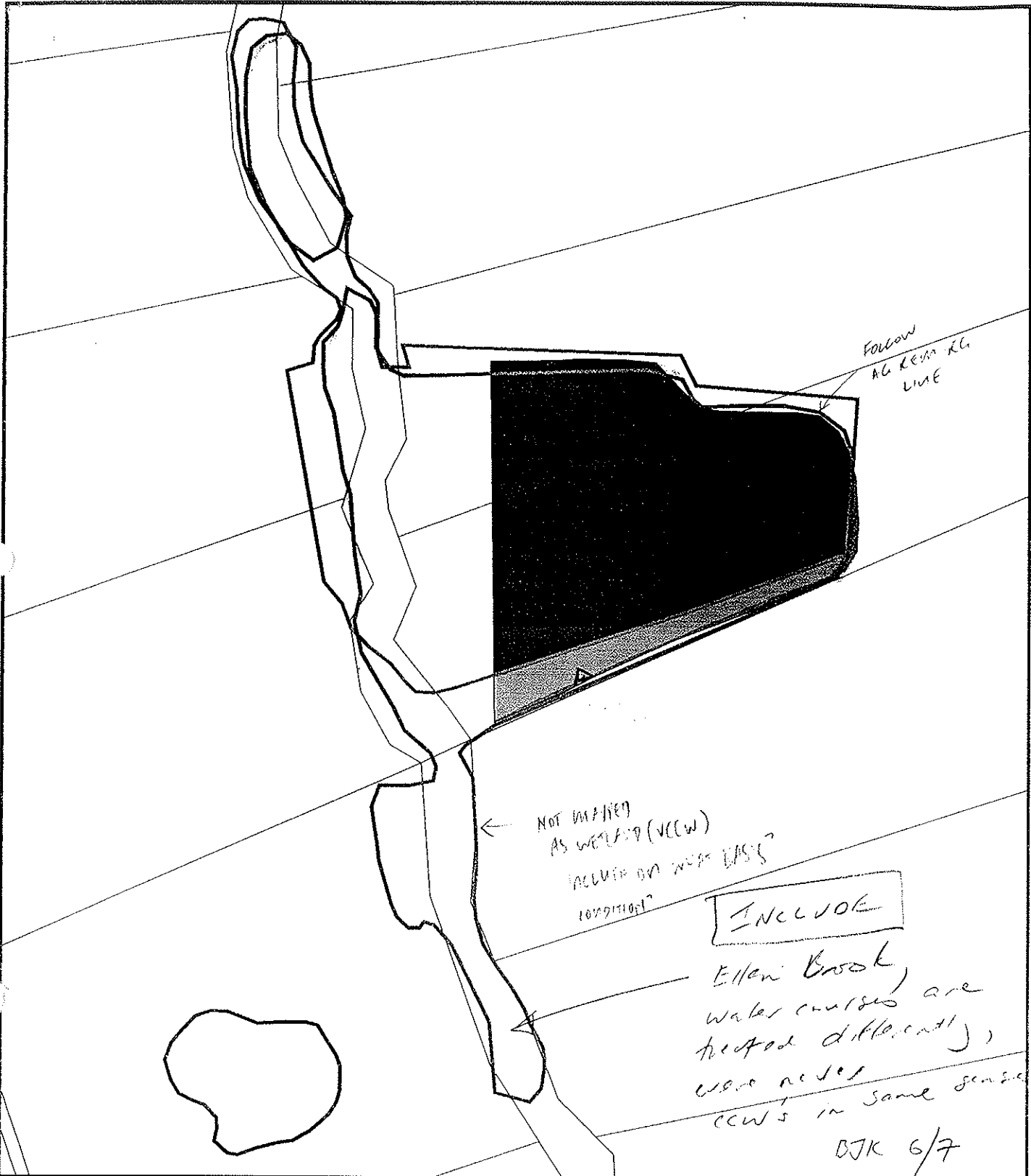
WESTERN  
AUSTRALIAN  
PLANNING  
COMMISSION



CUSTOMER  
FOCUS  
WESTERN AUSTRALIA

*B 2110/08*





**bp site 2**

AERIAL IMAGE REQUIRED

BULLSBROOK (NORTH-EAST ELLENBROOK)

MFP INTERNAL USE ONLY






Prepared By: Andrea Zappacosta

Prepared For:

Map Ident: plot980520\_1

Date: 20 May 98

Scale 1:9151

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

+NG NEAREST STREET LOCATION AVAILABLE (NORTH OF 3831 (1315344)  
+ 3841 1415164



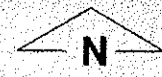
LEGEND



**PLANNING**  
MINISTRY  
Ministry for Planning



PRODUCED BY THE LAND INFORMATION BRANCH STATUTORY MAPPING SECTION



SCALE 1:7500



BP SITE 2

**AERIAL PHOTOGRAPHY - ORTHO-RECTIFIED**

ORIGINAL PHOTOGRAPHY - JANUARY 1997 SCALE 1:20000

POSITIONAL ACCURACY + or - 10 metres



WILD 1574UAGA  
Nr 13037 152.72

100030

- 5022 - 1 267 - 56 100 0200 0240 56 -

000000 003145 20 012560 09 1 5061

5217

WA 3166(C) METRO REGIONAL AREA & EXT. RUN 15 (5215-5307) 1:20000 11-DEC-92 920676

WILD 1574 UAGA  
Nr. 13037 152.72

000070

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9861 09 5210 02 210300 000000