



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

Owned by
Edgecombe
Bros. Pty. Ltd.

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

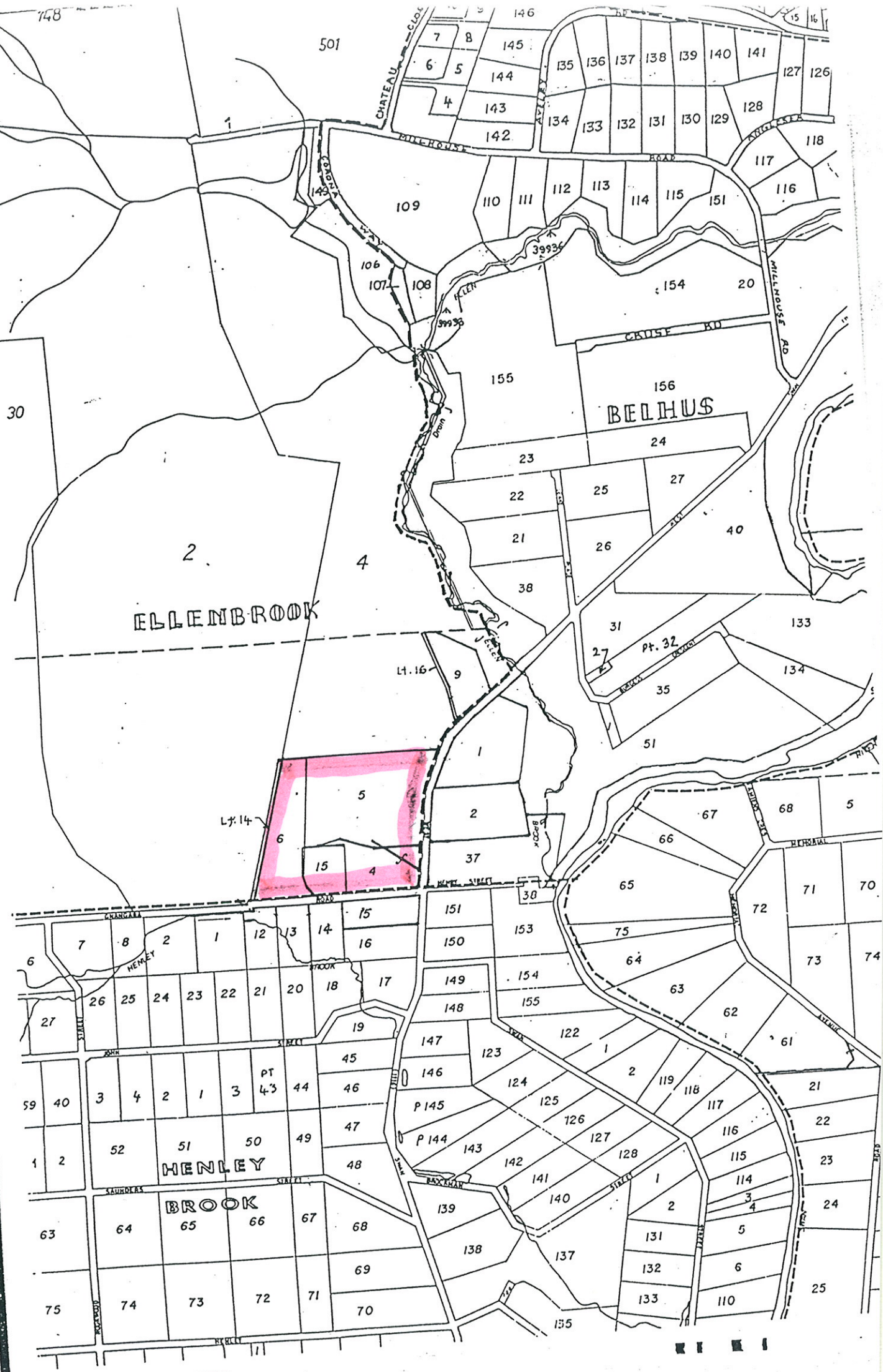
- ✓ a) Bordering Roads: GNANGARA AND WEST SWAN ROADS
- ✓ b) Nearest Corner: GNANGARA AND WEST SWAN ROAD JUNCTION
- ✓ c) Lot Numbers 5, 6, 14. Street Number: 12191
- ✓ d) Town/Suburb/Location: SWAN LOCATION A / ELLEN BROOK / Shire of Swan SWAN VALLEY.
- ✓ e) Local Council: SHIRE OF SWAN
- ✓ f) Site Name (if any): "LAKE YAKINE" pronounced YARKINE meaning TURTLE.
- g) Approximate size of the area (ha): 6 TOTAL. (APPROX) LAKE 4 H. - BUSH 2 H.
- h) Please locate the area on a map and give us map references if possible:
Shire Map "SWA" "PLAN 21.02"
- ✓ i) Map: UBD - Streetsmart (UBD) Other - 37th Edition 1995
- ✓ j) Map no.: 192 - B.5.
- ✓ k) Grid Ref: 405E x 06 Primary Rectangle (SWAN BG 35 PERTH BG 34)
- ✓ l) Please give any other information that may help us to find the location:
RING 2964325 / OR 'Edgecombe Grape Bin' 2964307 between 10am 6pm
give message (or talk to Motiel Dowdall) and someone will show you wetland area.

✓ m) Are you aware of any development proposals that are likely to affect the area?
There is a 4 lane carriage way to be built to the N/W of site. See map drawing and Shire Map of Road Measurements

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

(m) W.A.W.A. say their management plan for road run off and pollution control should ensure minimal impact on wetland.

joins sheet 16

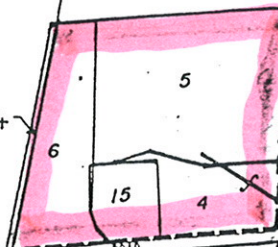


ELLENBROOK

BELHUS

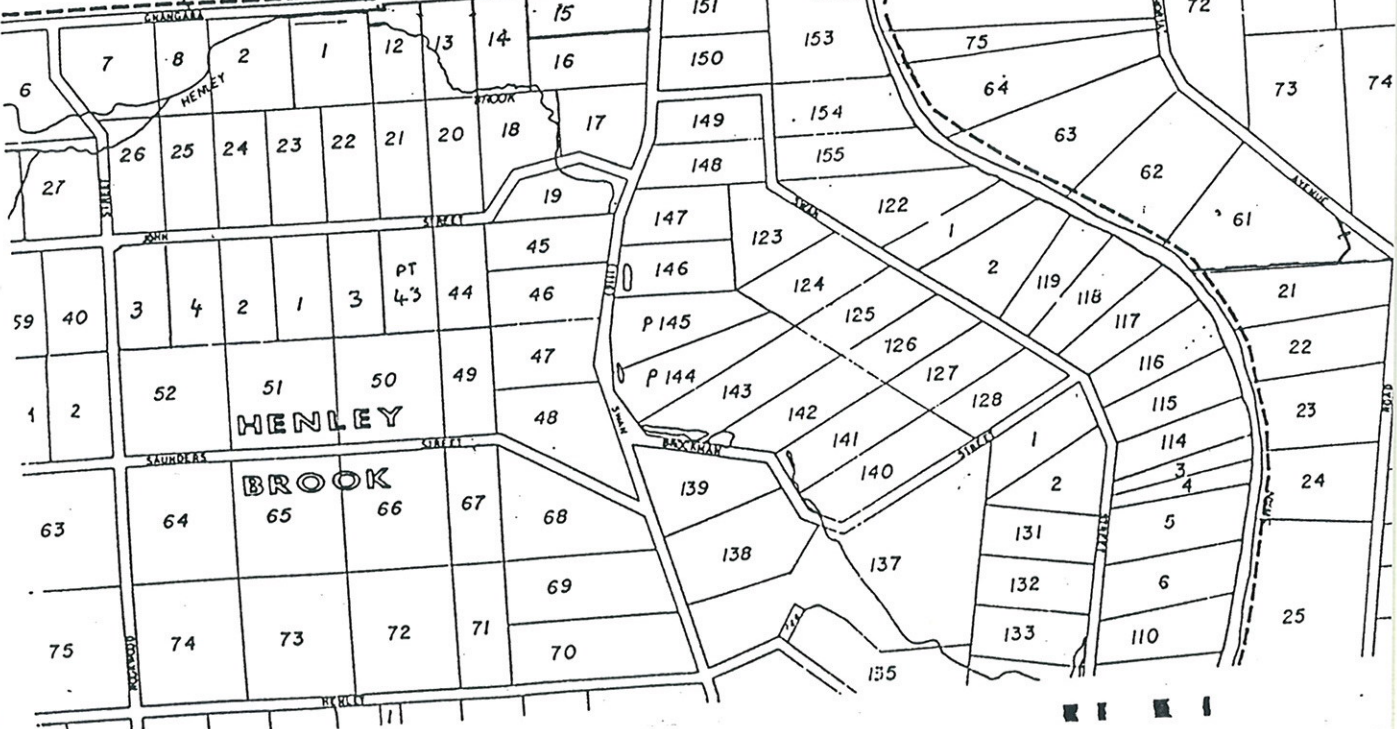
HENLEY

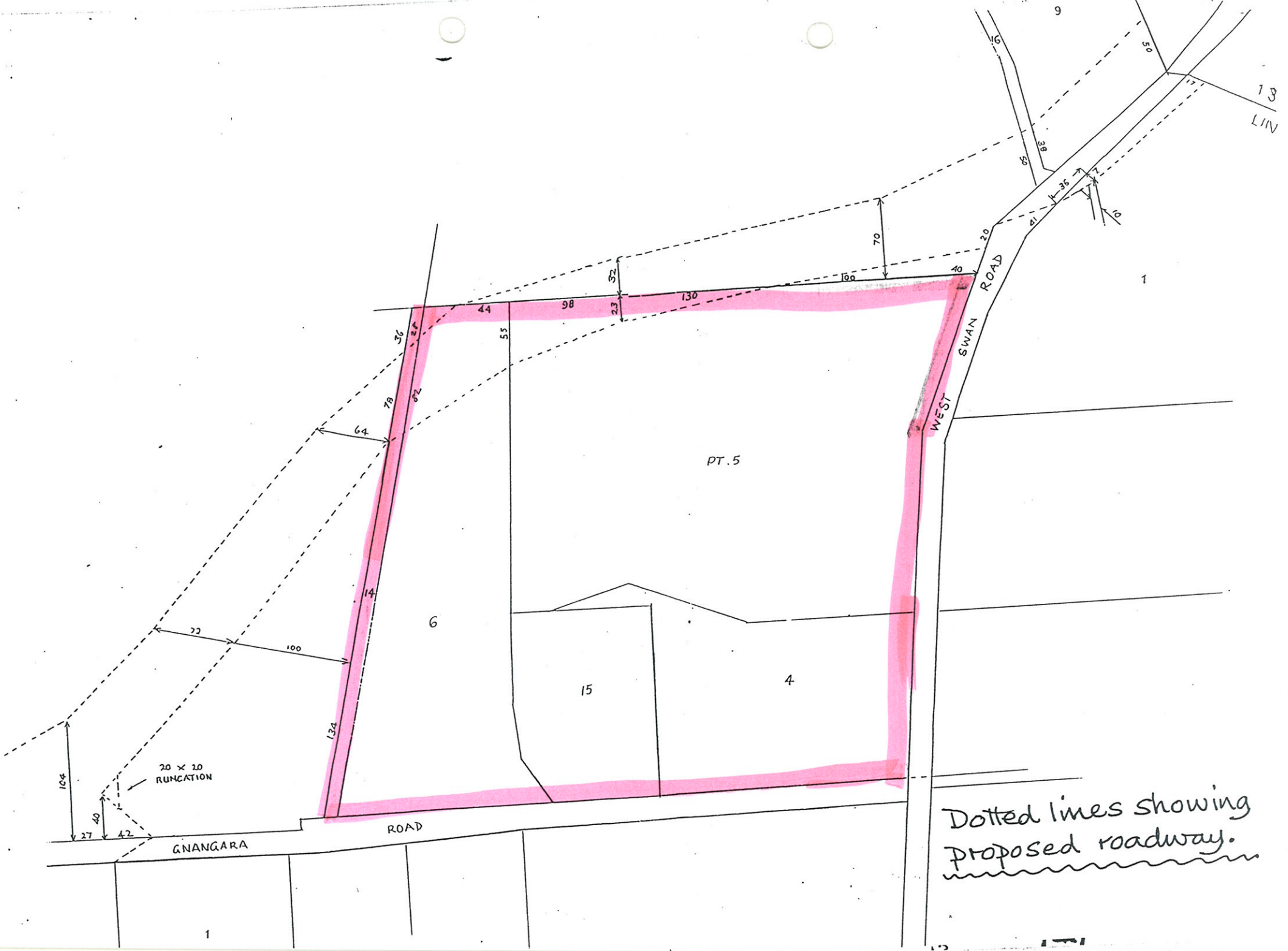
BROOK



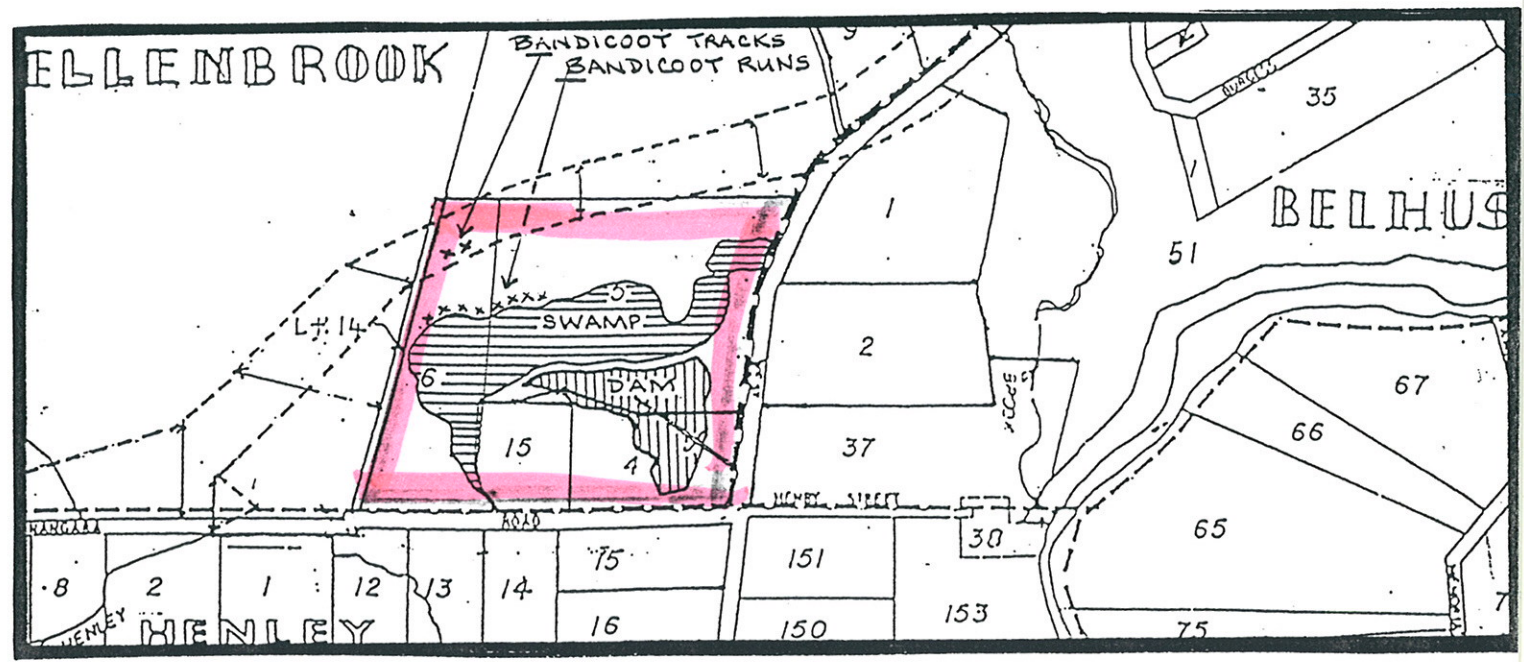
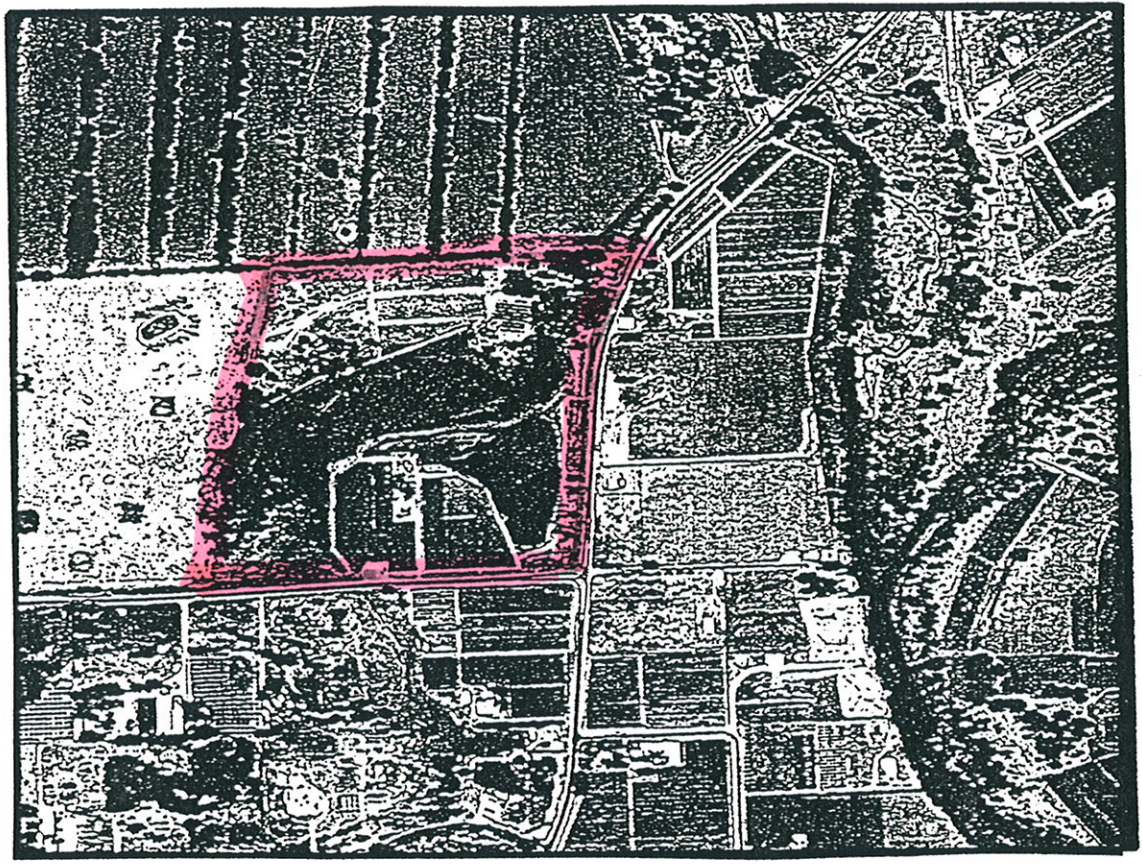
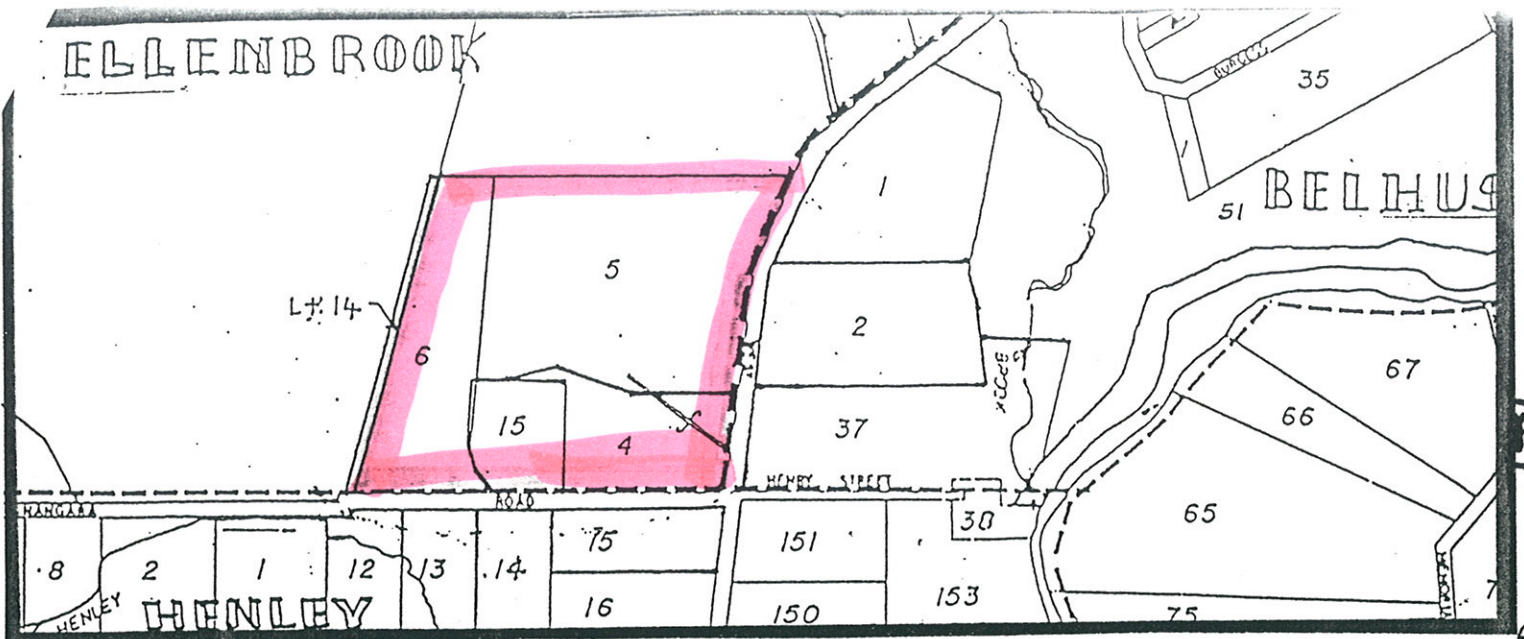
Lt. 14

Lt. 16

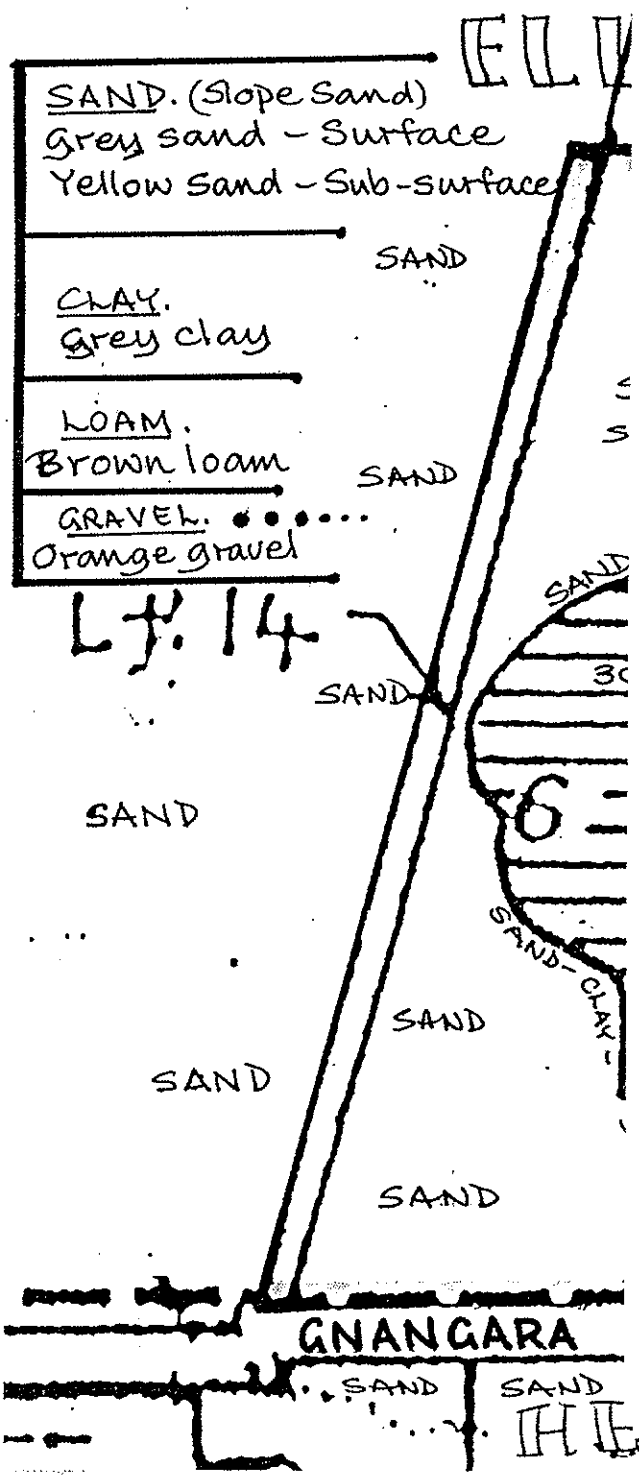




Dotted lines showing
 proposed roadway.



Y W W 11 1



Department of Environmental Protection.
 141 St. George's Tce. PERTH. W.A. 6000.

The System 6 Study Team,

in error the attached MAP was left out of a Submission for consideration in the Update Programme for System 6 Bushland.

Would you include this "SOIL MAP" with the rest of the Edgcombe submission please.
 (posted 14-8-95)

Thank you,
 yours faithfully,

Mother Dowdall.

MRS. M. DOWDALL
 C/- EDGECOMBE BROS. PTY. LTD.
 12130 WEST SWAN ROAD,
 BELHUS W.A. 6055

14th August '95.

(SOIL MAP)
 "This" Posted 15-8-95.

ELLENBROOK

NOMINATED
AREA FOR
SYSTEM 6.

Bushland - Approx 2 H.
Lake - Approx 4 H

Needs replanting

Lot. 14

"Yakine" = "Turtle"
(in Swan Valley
Nyungah dialect)

overflow from
lake flows south
to culvert where
water enters
Henley Brook.

Designated
shire Drain.

GNANGARA

ROAD
culvert

15

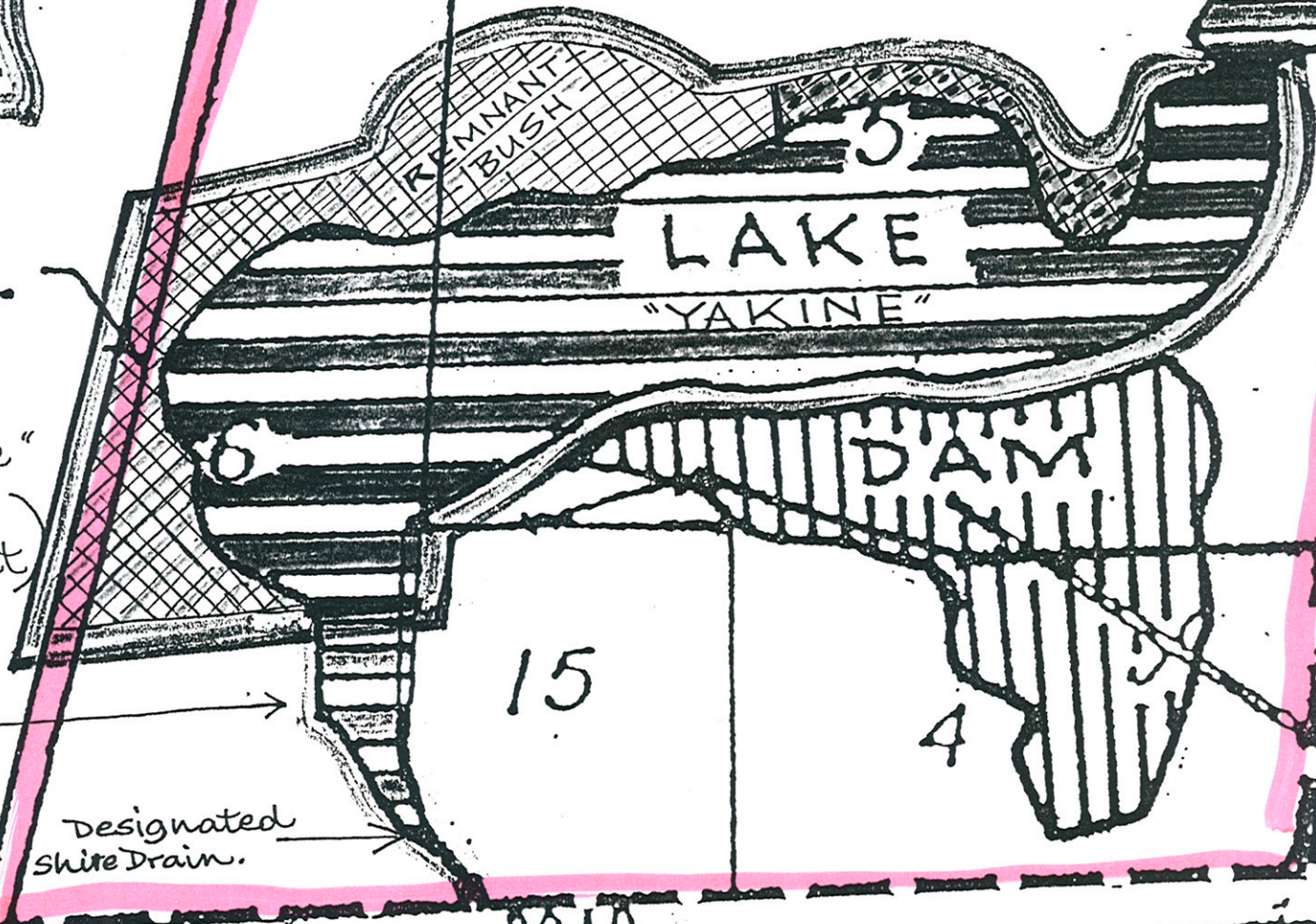
SWAN

151

HENLEY

13

14

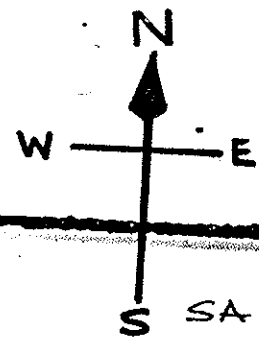


This Area
Excluded
from nomina
Due to Shire
Drainage the
area of lake
has become
Swamp with
encroaching
vegetation
due to lower
water level
A low level
large pipe
was placed
under road

BELHU

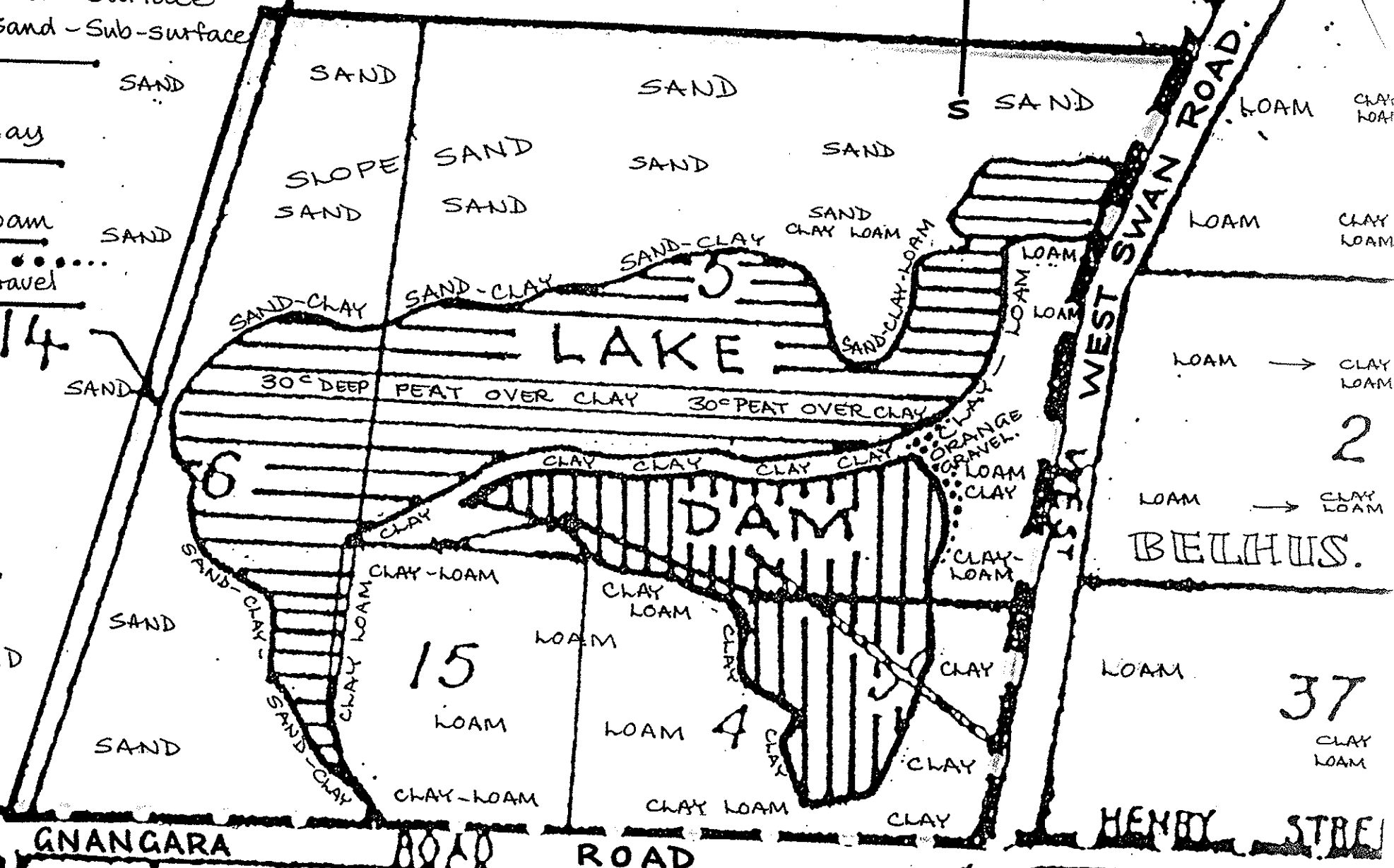
HENBY

ELLENBROOK



- SAND. (Slope Sand)
Grey sand - Surface
Yellow sand - Sub-surface
- CLAY.
Grey clay
- LOAM.
Brown loam
- GRAVEL. ●●●●●
Orange gravel

Lf. 14



GNANGARA ROAD

ROAD

HENBY STREET

HENDLER

2

37

BELHUS.

SAND

SAND

LOAM

LOAM

CLAY LOAM.

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) Edgecombe Bros Pty Ltd. of which I am a shareholder.
Therefore am owner in so far as shares paid and I write on behalf of ALL Shareholders.
- ✓ 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) YES, name and address supplied.
4. What is the area zoned? (please indicate whether zoning is Town Planning Scheme or Metropolitan Region Scheme) RURAL.

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)
Lake feeds water birds... Bushland and lake contain habitat trees -
- Roosting & Nesting. Shrubs/understorey provide cover to numerous fauna that have their home in lake surrounds.
6. What is/are the soil type/s and colours? Edge of Bassendean Series on edge of Swan Valley loams and clays.
Type: Sand/Clay/Gravel/Loam/Silt
Colour: White/Grey/Brown/Orange/Yellow/Red/Black - See list-map.
- ✓ 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? Remnant Bushland on North Slope above lake and a natural LAKE containing roosting and nesting trees in lake and on surrounds.
- ✓ 8. Is the area a wetland or does it include a wetland? It is a wetland with Bush on Northern perimeter.
If yes, what kind of a wetlands is it? (a.)
- ✓ (a) lake
x b) river
x c) stream
x d) swamp
x e) estuary
x f) seasonally wet permanent water.
x 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? *Bushland* *75% of Bushland area.*

11. If the area includes regions cleared of native bushland please indicate reasons for the inclusion. *North East end - See Map.*

..... *Needs Restoration*

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

If yes, please give details of the work *① Bassendean Preservation Group (Inc)*

Flora: Sept 94. ② Landcare bird list ③ Resident's list.

④ Fauna July 94 Western Australian Naturalists Club (Inc)

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 *See map - North East end to be re-planted, restored.*
- g) don't know

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

- a) Partial clearing *outside of main area only. See map. need replanting NE section*
- b) fragmentation *NO*
- c) ~~Selective removal of species: timber cutting, wildflower picking, mowing dieback and other plant diseases~~ *NO DIE BACK.*
- d) Fire regime, including intensity, season and frequency *Bad Fire in 1947-48. Killed trees on several properties.*
- e) 'Enrichment plantings' that is plantings of species not found in that community *(Not in nominated area. Deliberate Bird planting of foreign plants: FIG TREES & Bridal creeper.*
- f) Weed invasion *Yes*
- g) Animal impact: horses, foxes, rabbits, cats, dogs, camels, goats etc *visiting by foxes & feral cats:*
- h) ~~Soil movement, both removal and dumping~~
- i) Changes in water regimes; flooding, drainage and watering *Dewatering at Ellenbrooke*
- j) Salinity *NO coincided with rise and fall of water levels on our wetland.*
- k) Fertiliser drift and along waterways nutrient influx *Stock Paddocks North of Property in past years had affected wild flowers with Super spreading.*
- l) ~~Mining, including that for road works~~ *NIL*

See inclusion of motion passed by Swan Shire 26th July 95 on item 14.1 which should ensure that further De-watering does not adversely impact on surrounding environmentally sensitive areas.

of Environmental Protection.
Ge's Tce. PERTH. W.A. 6000.

Study Team,

In error the attached MAP
of a Submission for consideration in the
scheme for System 6 Bushland.
You include this "SOIL MAP" with the next
recombe submission please.
(Posted 14-8-95)

fully,

M.

(SOIL MAP)
"This" Posted 15-8-95.

LL
PTY. LTD.
ROAD,
55

t'95.

4

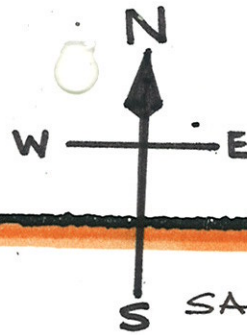
ELLENBROOK

SAND. (Slope Sand)
 Grey sand - Surface
 Yellow sand - Sub-surface

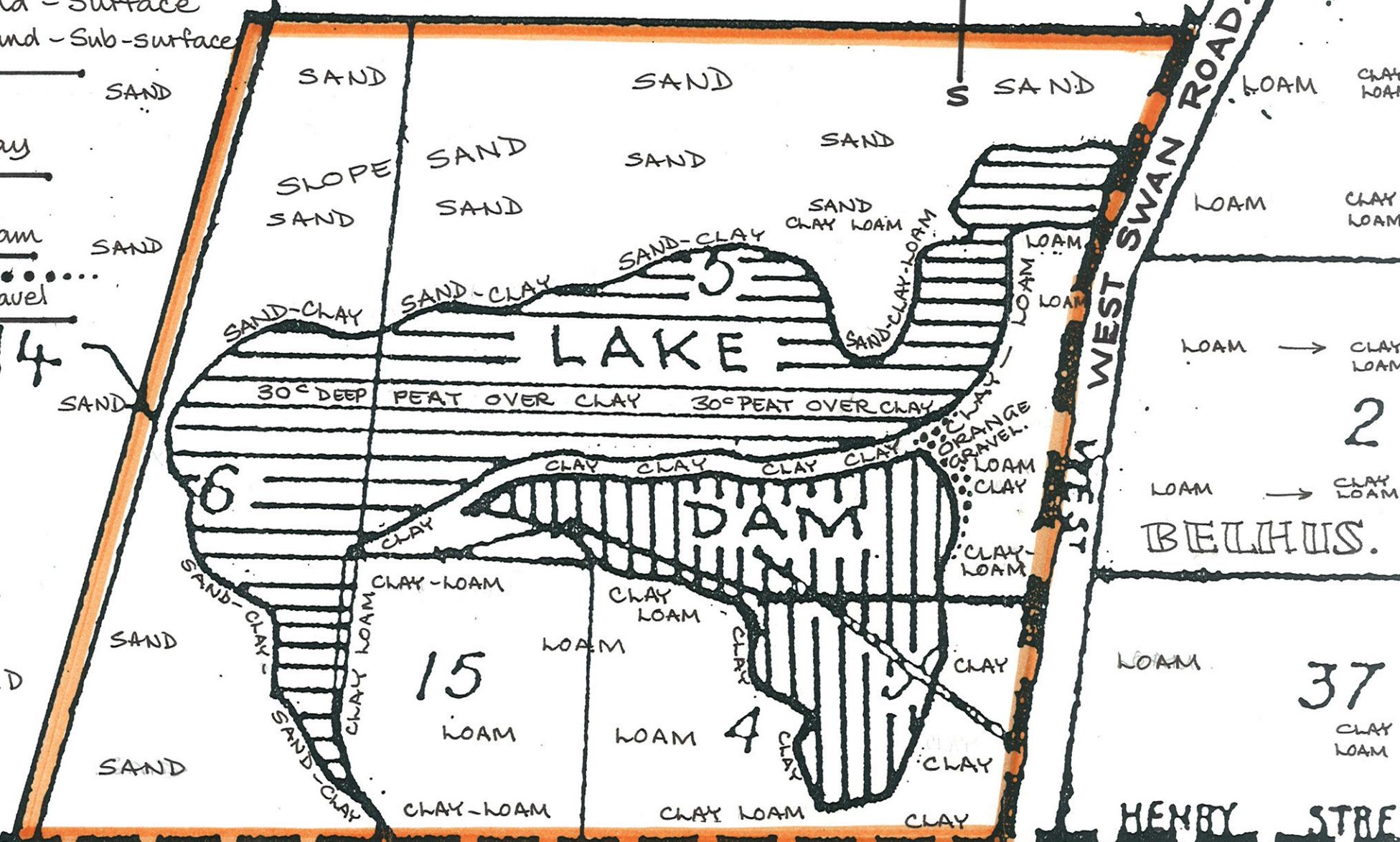
CLAY.
 Grey clay

LOAM.
 Brown loam

GRAVEL.
 Orange gravel



Lt. 14



GNANGARA ROAD ROAD

HENRY

HENRY STREET

151

ELLENBROOK

NOMINATED AREA FOR SYSTEM 6.

Bushland - Approx 2 H.
Lake - Approx 4 H

Needs replanting

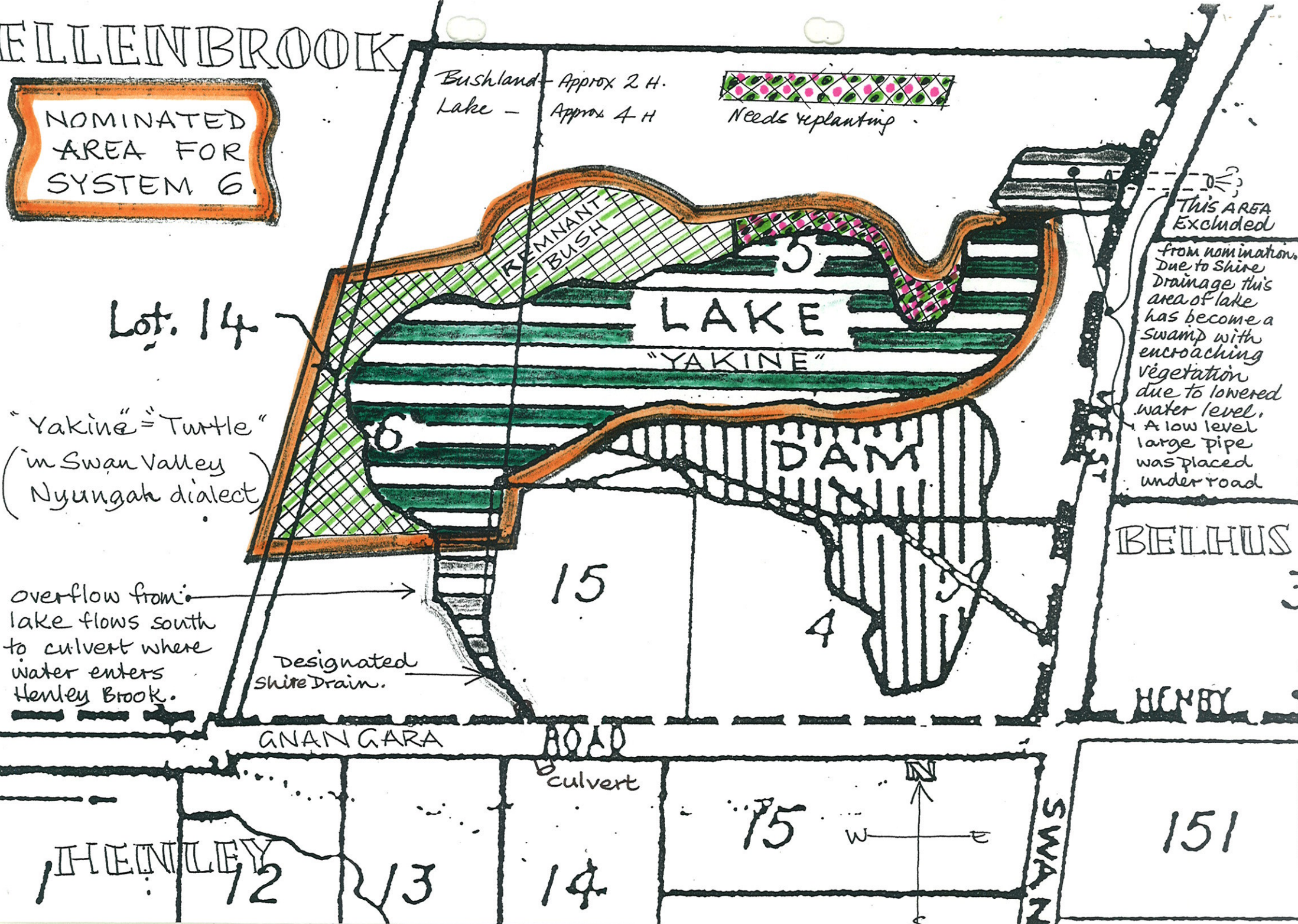
Lot. 14

"Yakine" = "Turtle"
(in Swan Valley
Nyungah dialect)

overflow from lake flows south to culvert where water enters Henley Brook.

Designated Shire Drain.

This AREA Excluded from nomination. Due to Shire Drainage this area of lake has become a swamp with encroaching vegetation due to lowered water level. A low level large pipe was placed under road



BELHUS

HENBY

GNAN GARA

ROAD
culvert

SWAN

HENLEY
12

13

14

15

151



Swan Valley Ward Members

COUNCIL AGENDA - JULY 26, 1995

Item 14.1 ELLENBROOK DEVELOPMENT - DUST AND WATER LEVEL ISSUES

Set aside the Committee recommendation and move the following;

That Council resolve to:

- (1) Receive the report and correct the mistakes as following;

The two references to 'Henley Brook' be changed to 'Ellen Brook' and the reference to the 'dam' on the Edgecombe property be altered to the 'wetland known as Yakine Swamp'.

- (2) To receive the information tabled by Mrs Dowdall and refer it to Council's Environmental Health Service for information.

- (3) Request the Technical Review Committee, through the Shire of Swan Environmental Health Officer, to

(i) ensure monitoring is undertaken to establish the impact of development on properties down stream and this monitoring is commenced at the earliest opportunity

(ii) conditions are set on the construction phase of all further development at Ellenbrook to ensure minimal impact on surrounding properties and environmentally sensitive areas, and

(iii) a contingency plan is put in place for situations such as that which arose with the disposal of groundwater from the construction of the lake at Woodlake Village and other events which may have an impact on surrounding properties or environmentally sensitive areas.

POLICY & RESOURCES COMMITTEE AGENDA July 19, 1995

Item 9.9 EGERTON STRUCTURE PLAN - ODP NO.50 - FINAL ADOPTION

Amend the recommendation as follows;

After point (3) add a new point (4) as follows;

- (4) Prior to the consideration of the Structure Plan (ODP NO.50) as described in point (3) above staff are to ensure the following conditions have been fulfilled:
the Technical Review Committee to;

(i) ensure monitoring is undertaken to establish the impact of development on properties down stream and this monitoring is commenced at the earliest opportunity



Western Australian Naturalists' Club (Inc.)

FOUNDED 1924

All correspondence to be addressed to
PO Box 156, Nedlands WA 6009

Naturalists' Hall
63 Meriwa Street
Nedlands WA 6009

Mrs F. Edgecombe
1 Nolyang Cres.
Wanneroo 6065

2 July 1994

Dear Mrs. Edgecombe,

Two members of the Naturalists' Club today examined the wetlands on the property at the corner of West Swan and Gnangara Roads and recorded the following fauna comprising 29 bird, one reptile, one frog, and one mammal species.

BIRDS

Mudlark *Grallina cyanoleuca*

Corella *Cacatua sanguinea*

Rufous Whistler *Pachycephala rufiventris*

Pelican *Pelecanus conspicillatus*

Raven *Corvus coronoides*

Swamphen *Porphyrio porphyrio*

Brown Honeyeater *Lichmera indistincta*

Grey Butcherbird *Cracticus torquatus*

Magpie *Cracticus tibicen*

Western Warbler *Gerygone fusca*

Coot *Fulica atra*

Dusky Moorhen *Gallinula tenebrosa*

Grey Teal *Anas gibberifrons*

Black Duck *Anas superciliosa*

Yellow-rumped Thornbill *Acanthiza chrysorrhoa*

Silvereye *Zosterops lateralis*

OBJECTS: To encourage the study of natural history in all its branches and to endeavour to prevent the wanton destruction of native flora and fauna.

Red Wattlebird *Anthochaera carunculata*
Grey Fantail *Rhipidura fuliginosa*
Laughing Dove *Streptopelia senegalensis*
Necklace Dove *Streptopelia chinensis*
Ring-necked Parrot *Platycercus zonarius*
Pink-eared Duck *Malacorhynchus membranaceus*
Black-shouldered Kite *Elanus caeruleus*
Tree Martin *Hirundo nigricans*
Reed Warbler *Acrocephalus stentoreus*
Willy Wagtail *Rhipidura leucophrys*
Spotted Pardalote *Pardalotus punctatus*
Broad-tailed Thornbill *Acanthiza apicalis*
Little Pied Cormorant *Phalacrocorax melanoleucos*

REPTILES

Swamp Skink *Bassiana trilineata*

FROGS

Sandplain Crinia *Crinia insignifera*

MAMMALS

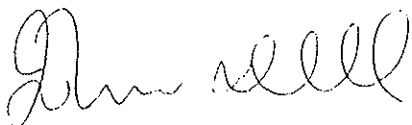
Quenda *Isoodon obesulus*

The Quenda is listed in the Wildlife Conservation Act on category one as fauna that is rare or likely to become extinct. There were numerous runways of this animal under the dense Bracken Fern, indicating that a number of animals are present.

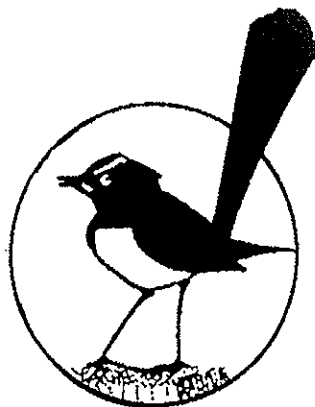
Although bird numbers were relatively high for a short sample time there were also indications that a number of other species such as herons, ibises and related birds use the large trees for roosting. During the day, these birds disperse considerable distances for feeding and only return at night.

The area is notable for its large, mature trees including Swamp Paperbarks, Flooded Gums, Swamp Banksias, Firewood Banksias and Candlestick Banksias. These trees are, because of their age and size, important habitat trees for birds for nesting and feeding. Areas such as this where wetlands of considerable size are fringed by mature vegetation have become scarce on this part of the coastal plain.

Yours sincerely,

A handwritten signature in cursive script, appearing to read "John Dell".

JOHN DELL
President



Bassendean Preservation Group Inc.
PO Box 75, Bassendean 6054

List of plants observed at Edgecombe's Wetland

Sunday 11 September 1994

Survey done by Bevan Carter, Phil Gabriel, Anne Hollingsworth & Greg Peterson

Reeds: *Baumea articulata* - large stand
 Typha orientalis - large and spreading stand
 Sword sedges - large & small
 Juncus pallidus - many isolated clumps
 unidentified c 60 cm, soft, tapering 3mm to point, articulated

Trees:	<i>Eucalyptus rudis</i>	Flooded gum
	<i>E calophylla</i>	Marri
	<i>E marginata</i>	Jarrah
	<i>Melaleuca raphiophylla</i>	Freshwater paperbark
	<i>Mel lateritia</i>	Robin Redbreast Bush
	<i>Banksia littoralis</i>	Swamp banksia
	<i>B attenuata</i>	Candle banksia
	<i>B menziesii</i>	Firewood banksia
	<i>Jacksonia furcellata</i>	Grey stinkwood
	<i>Paraserianthes lophantha</i>	Albizia
	<i>Acacia saligna</i>	Wattle
	<i>Nuytsia floribunda</i>	Christmas tree

Bushes, shrubs

<i>Oxylobium lineare</i>	River pea
<i>Allocasuarina humilis</i>	Dwarf sheoak
<i>Acacia pulchella</i>	Prickly Moses

Understorey Isopogon x ?

Petrophile linearis

Pixie mops

Milk orchid

Patersonia occidentalis? juncea?

Stirlingia latifolia

Blueboy

Hibbertia hypericoides

Buttercup

Kennedia coccinea or prostrata

Running postman

Chorizema

Xanthorrea preissii

Blackboy

Haemodorum laxum

Haemodorum spicatum

Bossiaea eriocarpa

Definitely weeds:

Deadly nightshade

Fig tree

Pelargonium

Kikuyu

Cyberus

Erhata

Lupins

Dandelions

Rye grass

Birdwatching sheet Saturday June 2 at Edgecombe wetland
Gnangara Road & West Swan Road corner

Sacred Ibis	10
Straw necked Ibis	1
Pacific black duck	10
Willy wag tail	~8
Silver eyes	many
Coots	~8
Black cormorant	1
Swamp hens	4
Rufous whistler	2
Grey fantail	1
Western Gerygone	1
Weebill	1
Wattle bird	~12
Raven	1
Singing honeyeater	2
Port Lincoln Parrot	5
Black faced Cuckoo Shrike	1
Wood or Mane duck	7
Welcome swallows	~30
Australian hawk	1
Striated pardolote	1
Yellow rumped Thornbill	~25
Magpie	5
Pied Cormorant	1
Musk duck	1
Darter (male)	1

Bird watchers :-

Bevan Carter. Ray Steeth. Lorna Steeth. Mollie Dowdall.

Henley Brook and West Swan

LANDCARE PROJECT. Co-Ordinator BEVAN CARTER.

B. H. Carter

owners' list of fauna observed on wetland site & not on other lists.

Edgecombe's Wetland. 'Lake Yakine' and surrounds. 10-8-95

Swamp Harriers
Wedge tailed Eagles - PAIR
Chicken Hawks
Kookaburras
Kingfishers
Blue Wrens
Barn Owls
Sacred Ibis
Black Swans
Stilts
Dotterals
Cattle Egrets
Grey Heron
Pacific Heron
Sulphur Crested Cockatoos (Carnarby's)
Pink & Grey Galahs (Galerita)
Spoonbills
Mountain Ducks.
Shags (breed & nest each year here)

Long necked tortoise - turtle.
Blue tongue (Bobtail) Lizards
Brown Snakes
Dugites
Tiger Snakes - Numerous. (Breed here)

Water rats
Echidna.
Kangaroo. (1)
Rabbits.

Tree Frogs.
Moaning Frogs

Carp.
Crampesi
Gilgies

Approx 30 SACRED IBIS & 250 STRAW NECKED IBIS roost on trees in and around Lake every night - dispersing to local vineyards and properties to feed in the daytime



5228

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