

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT
BUSSELTON DISTRICT

FAX NO: (097) 521 432

TO: NATALIE T. / KEVIN M.S.A. URGENT: YES/NO

AT: DEP PERTH

Fax No. 09 321 5184

FROM: JIM LANE

DATE: 26/10/95

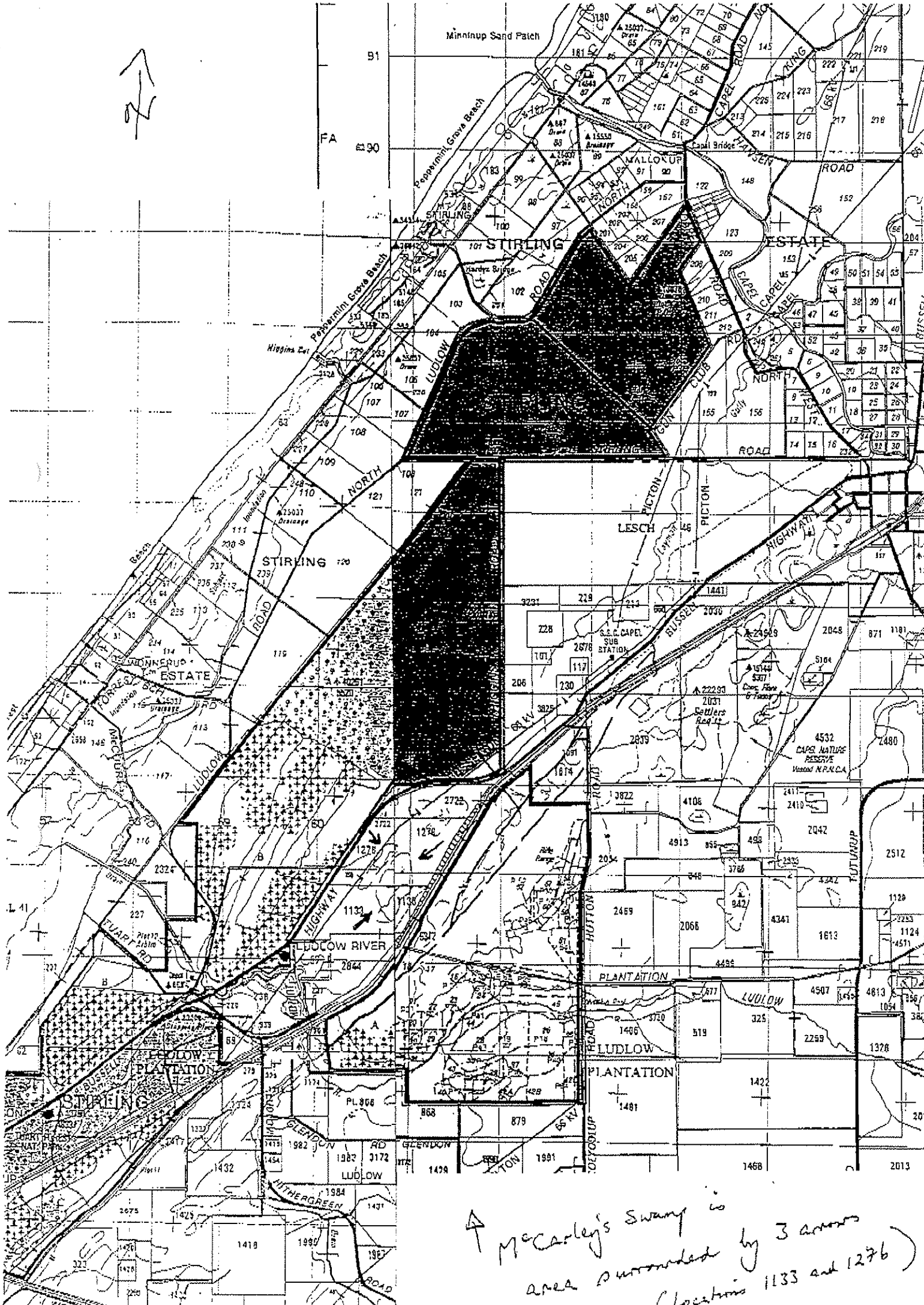
Your Ref:

Local Ref:

After reviewing these maps you will understand why the location of "McCartays Swamp" is a mystery to many!

No. of pages inc. this page: (5)

Please call us on (097) 521 677 if this message was incomplete or illegible



↑ McCarley's Swamp is
 area surrounded by 3 arrows
 (Locations 1133 and 1276)

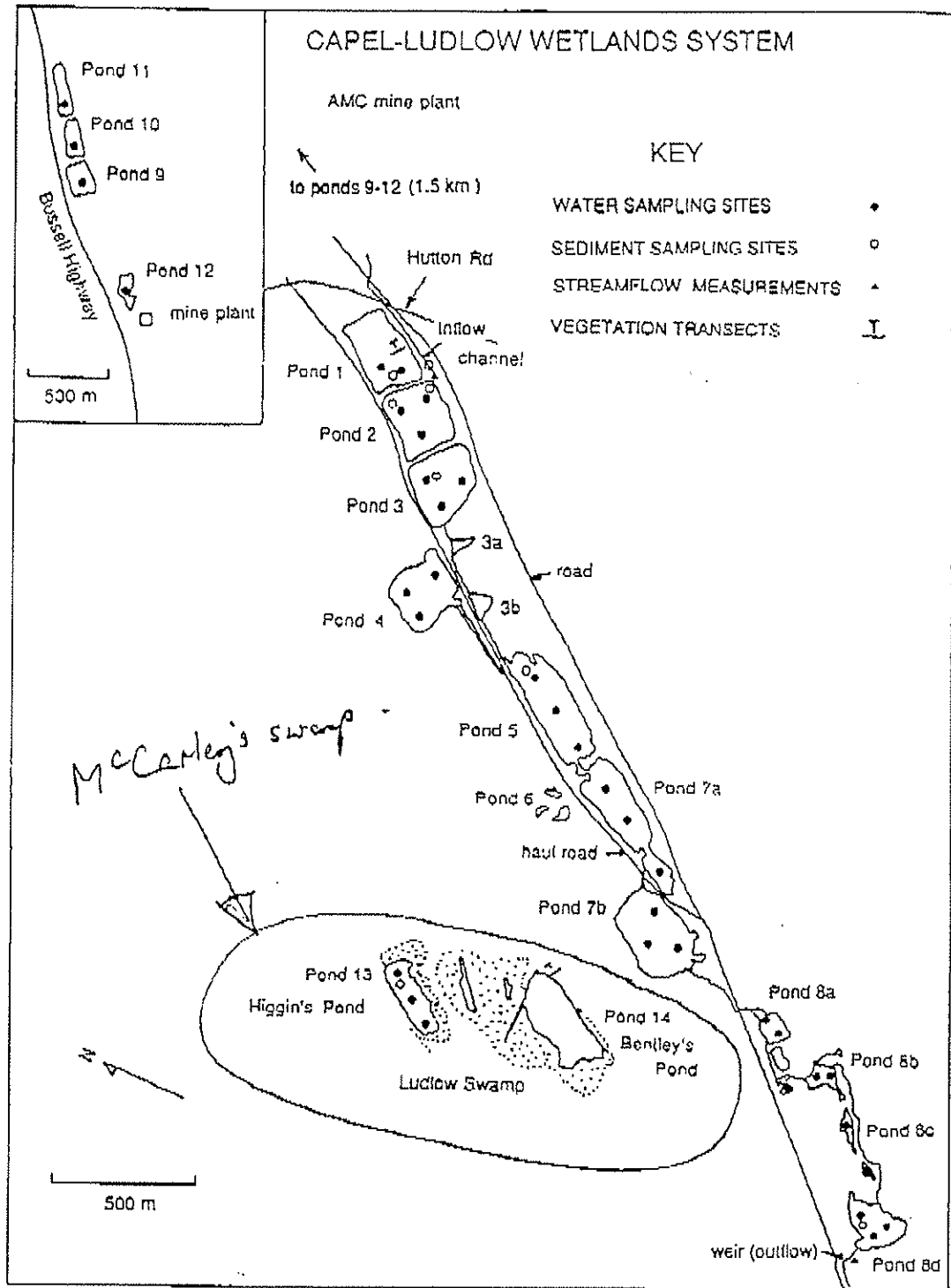


Figure 1. Location of the study sites. A channel carrying water from the mine plant enters the system at Pond 2 (inflow) and exits over a weir south-west of pond 8d. Sites for water quality monitoring, sediment sampling and vegetation transects are shown (see Key).

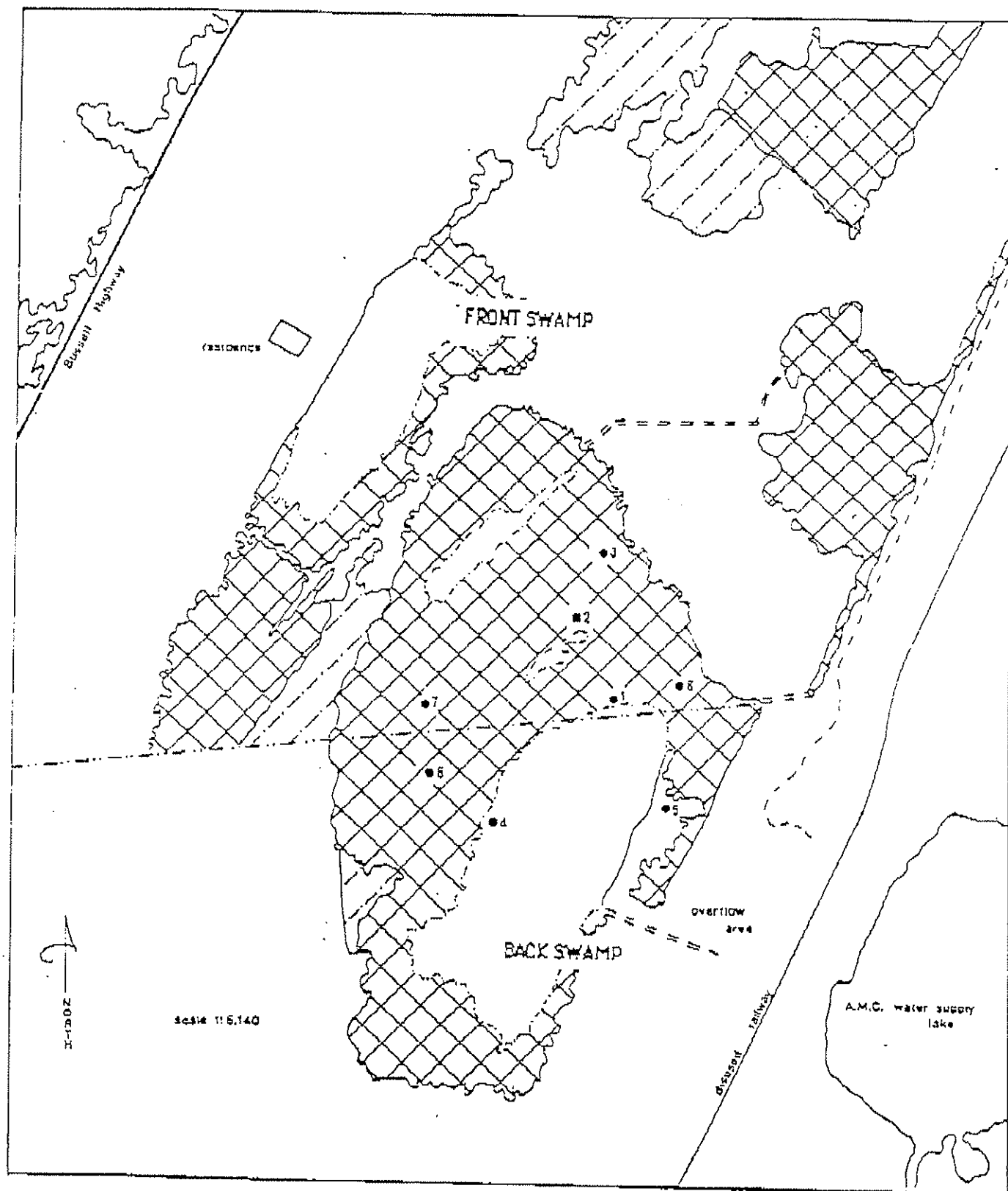


Figure 1: Location of Vegetation Monitoring Plots at McCarley's Swamp



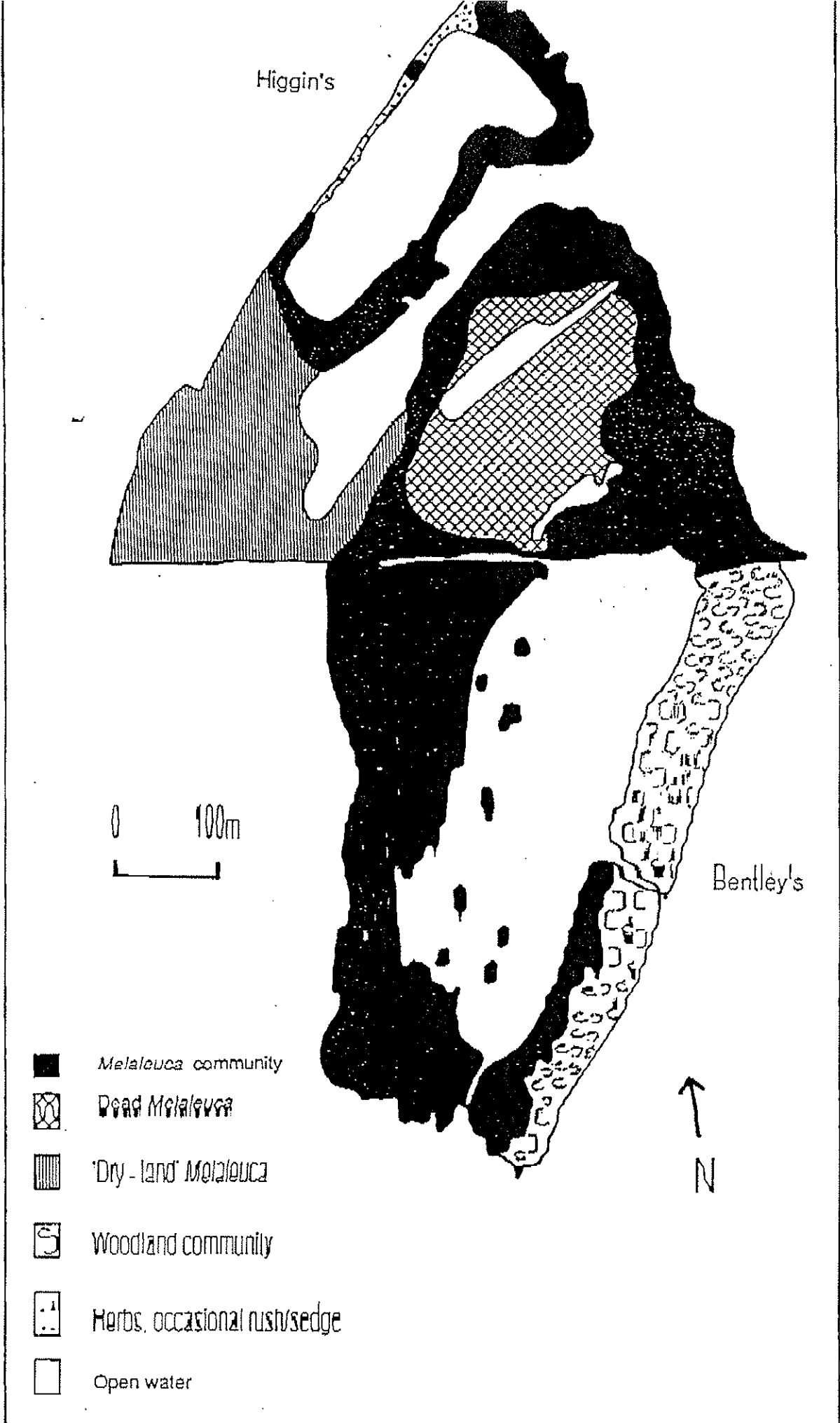


Figure 2. Vegetation map of the Ludlow Wetlands (Higgin's and Bentley's swamps).

↑ = "McCarley's Swamps"

115° 30'

From
D. F. JAMES
204 Commercial
Forrestdale
CA12

While exploring the S.W. in 1836 for more grazing land, Lt. H. W. Bunbury came across a river. This was later named the Capel River by John Garrett Bussell after an English cousin of his. Although known as the Capel River, the township and surrounding districts were known by the native name of Coolingup until 1899.

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1980. A
reclassified
structed and
pe to bottle on
Je Rhine
ner, Tramper-
Shiraz,
hardonnay.

ach
LUDLOW RIVER PICNIC
AREA—Barbecues and
tables set in an attractive
and shady position amongst
pines.

ollup
ke

Coolingup
Rifle Range

LUDLOW

es and
position next
ail leads to
hart forest

NIC AREA

S—A centre
nd sells
urrounding

MALLOKUP

CAPEL

JAMIESON

LUDLOW

RUABON

TUTUNUP

CARTIS RIVER YOGANUP

33° 30'



Accurate description not
Switkolo Area site

178

**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: Russell Hwy

b) Nearest Corner:

c) Lot Number: Street Number:

d) Town/Suburb/Location:

e) Local Council: M. Carley Swamp (Ludlow Swamp)

f) Site Name (if any): Coolilup (Lake - swamp?)

g) Approximate size of the area (ha): 3 ha +/-

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

"Map attached"

i) Map: Streetsmart /UBD/Other: "Street Smart Touring Map"

j) Map no.:

k) Grid Ref: S.W. Corner (Russell - Dunderovk - Merget Riv, Argents)

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

7 kms SW of Capel, E side of Russell Hwy

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

No

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)?

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) Wetland No 29 in the ANCA book of 'A Directory of Important Wetlands of Australia'.

It appears to be a major rookery for Straw-necked Ibis

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?yes.....

If yes, what kind of a wetlands is it?

- a) lake
b) river
c) stream
(d) swamp
e) estuary
f) seasonally wet
g) other

A couple photos taken - are still in camera

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? 50% + ?

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?

I dont know.

If yes, please give details of the work (*CALM - RAOU. or
Russelton Natr club
may have info?*)

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

- a) pristine
- b) excellent
- c) very good - *in swamp - Dense^{Tall} Freshwater Paperbarks - Forest.*
- d) good
- e) degraded - *W side - cleared paddocks.*
- f) completely degraded
- g) don't know *I didnt see all surrounds.*

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? ? (only birds.)

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

4-9-95. Straw-necked Ibis, (Yellow billed Spoonbill), Coots, Black duck

17. Is the area used by any native animals of special interest? (eg. endangered species, large/important populations) ¹²⁺ ^{others.}

If yes, please name them and indicate source of information (Time didnt allow further observation)

4-9-95. I briefly visited swamp from W side. I seen 300+ Straw-necked Ibis - dozens were on nests. (a very noisy place)

CAN YOU TELL US A LITTLE ABOUT THE SURROUNDING AREA

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

Yes. This swamp continues North over the Coollup. The Buswell Hwy. The Wonnereup estuary is 3 kms W of this swamp.

Are they already conservation reserves? The Tuart Forest National Pk

What is their approximate size? 15 immediately W of Buswell Hwy.

19. Does the submitted area link other bushland areas?

I didnt see the East side of swamp to evaluate this.

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