

Allocation Committee
Submission from
Dept of Fisheries & Wildlife

17. 8. 83

Box 33

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SUITABILITY FOR BEEKEEPING OF WAWA VESTED NATURE RESERVES OVER
500 HA WHICH ARE AVAILABLE FOR BEEKEEPING.

Reserve No.	Reserve Name	Suitability	Location	Special Conditions
9508	Arthur River	Poor		
17760	Towerlup Creek	Fair to Good	all parts of reserve adjacent to fire-breaks and formed roads	
23171	Pardelup	Fair to Good	all parts of reserve directly accessible from peripheral firebreaks	
23601	Marchagee	Fair	adjacent to W boundary and to Midlands Rd	
A23825	Mullet Lake	Fair	on higher ground adjacent to sealed road on N boundary	
24618	Capamaura	Fair	adjacent to gravel road on S boundary	
A25210	Pinjarega Lake	Fair to Good	adjacent to E-W bisecting roads, and to S roads	"No Permit" areas at duck shooting access points.
A25798	Unicup	Fair	adjacent to S road, N-S bisecting road and E & W peripheral firebreaks	
		Good	adjacent to N road	

26264	Maililup	Fair	adjacent to N halves of E & W peripheral firebreaks
		Good	adjacent to N road
26677	Kulunilup	Fair	adjacent to gravel roads on N & W boundaries
26789	Arthur River Flats	Fair	adjacent to formed road in SE corner
26792		Fair	all accessible parts of reserve boundary
A26793	Corackerup	Fair to Good	adjacent to gravel roads on W, SW & SE & NE boundaries
		Fair	E portion of N boundary
A29231	East Yuna	Fair	part of E periphery firebreak adjacent to E-W bisecting road
		Good	adjacent to E-W bisecting and W boundary roads
29806	East Eneabba	Good	adjacent to gravel roads on W & S boundaries
31128	Kundip	Fair to Good	adjacent to E-W bisecting road and to W boundary road

31424		Good	most parts of reserve boundary
31675	Wanagarren	Fair to Good	adjacent to designated tracks
31781	Nilgen	Good	adjacent to designated tracks and E & NE peripheral firebreaks, and to E sealed road
A32257	Lake Warden	Fair	adjacent to gravel road and firebreak on NW boundary
32448	Mooradung	Good	all areas adjacent to reserve boundaries
33188	Mt Westdale	Fair	adjacent to gravel road on N boundary
		Good	adjacent to all accessible boundary firebreaks
35168	Sheepwash Creek	Fair	adjacent to SW boundary track, N boundary gravel road and fire- break on N half of E boundary
A36093	Hill River	Fair to Good	adjacent to W boundary track, to N gravel road and boundary track, and to sealed N-S road
36203		Fair	adjacent to S gravel road and W boundary firebreak

37306

Good

adjacent
to formed
roads and
adjacent to
firebreaks
on the S half
of the E and
W boundaries

WAWA NATURE RESERVES OVER 500 HA IN "AREA 1" FROM WHICH BEEKEEPING
WILL BE EXCLUDED

RESERVE NO.	RESERVE NAME	LOCAL AUTHORITY	AREA (HA)
A15556	Thomsons Lake*	Cockburn	509
A18739	Mill Brook*	Albany Shire	1497
A20610	Boyagin*	Pingelly	4781
A23756	Harvey Estuary	Murray	1019
A26161	Camel Lake	Gnowangerup	3214
26234	Tinkelelup*	Albany	575
26385	North Sister*	Albany	1007
A26678	Kodjinup	Manjimup	626
26688	South Stirling*	Albany	1710
27394	Enemunga*	Dandaragan	740
A27632	Nuytsland*	Esperance	625323 ?
27886†	South Eneabba*	Carnamah	1245
A27956	Two Peoples Bay	Albany Shire	4637
28087	Nirimba Cay	Murray	891
28558†	Namming*	Dandaragan	5411
A30191	Moondyne*	Toodyay	1991
30463	Bakers Junction	Albany	1090
30626	Gingilup Swamps	Nannup	2807
31030†	South Eneabba	Carnamah	4945
31754†	Cheadanup	Ravensthorpe	6813
31880	Lake Muir*	Manjimup	11310
32339	Lake Shaster	Ravensthorpe	10517
33842	Quarrram*	Denmark	3825
34442†	Dobaderry*	Beverley	1896
36028	Mt Manypeaks*	Albany	1330

†Apiary sites present

*Approved nature reserve name

WAWA NATURE RESERVES OVER 500 HA IN "AREA 1" WHICH ARE AVAILABLE
FOR BEEKEEPING

RESERVE NO.	RESERVE NAME	LOCAL AUTHORITY	AREA (HA)
9508	Arthur River	Narrogin	782
17760	Towerlup Creek	Kojonup	551
23171	Pardelup*	Plantagenet	607
23601	Marchagee*	Coorow	578
A23825	Mullet Lake	Esperance	1917
24618	Capamaura	Carnamah	3587
A25210	Pinjarega Lake	Coorow	18221
A25798	Unicup*	Cranbrook	3305
26264	Mailalup	Gnowangerup	768
26677	Kulunilup*	Cranbrook	612
26789	Arthur River Flats	Narrogin	1069
26792		Gnowangerup	1039
A26793	Corackerup	Gnowangerup	4334
A29231	East Yuna*	Chapman Valley	1446
29806†	East Eneabba	Carnamah	2982
31128†	Kundip	Ravensthorpe	2170
31424		Ravensthorpe	2936
31675†	Wanagarren*	Dandaragan	11137
31781†	Nilgen*	Gingin	5569
A32257	Lake Warden	Esperance	709
32448	Mooradung	Boddington	632
33188	Mt Westdale	Beverley	802
35168	Sheepwash Creek	Plantagenet	1111
A36093†	Hill River	Dandaragan	882
36203†		Irwin	608
37306†		Beverley	1307

†Apiary sites present

*Approved nature reserve names

PERMIT NUMBERS AND EXPIRY DATES FOR APIARY SITES
LOCATED ON NATURE RESERVES GREATER THAN 500 HA
FROM WHICH BEEKEEPING WILL BE EXCLUDED

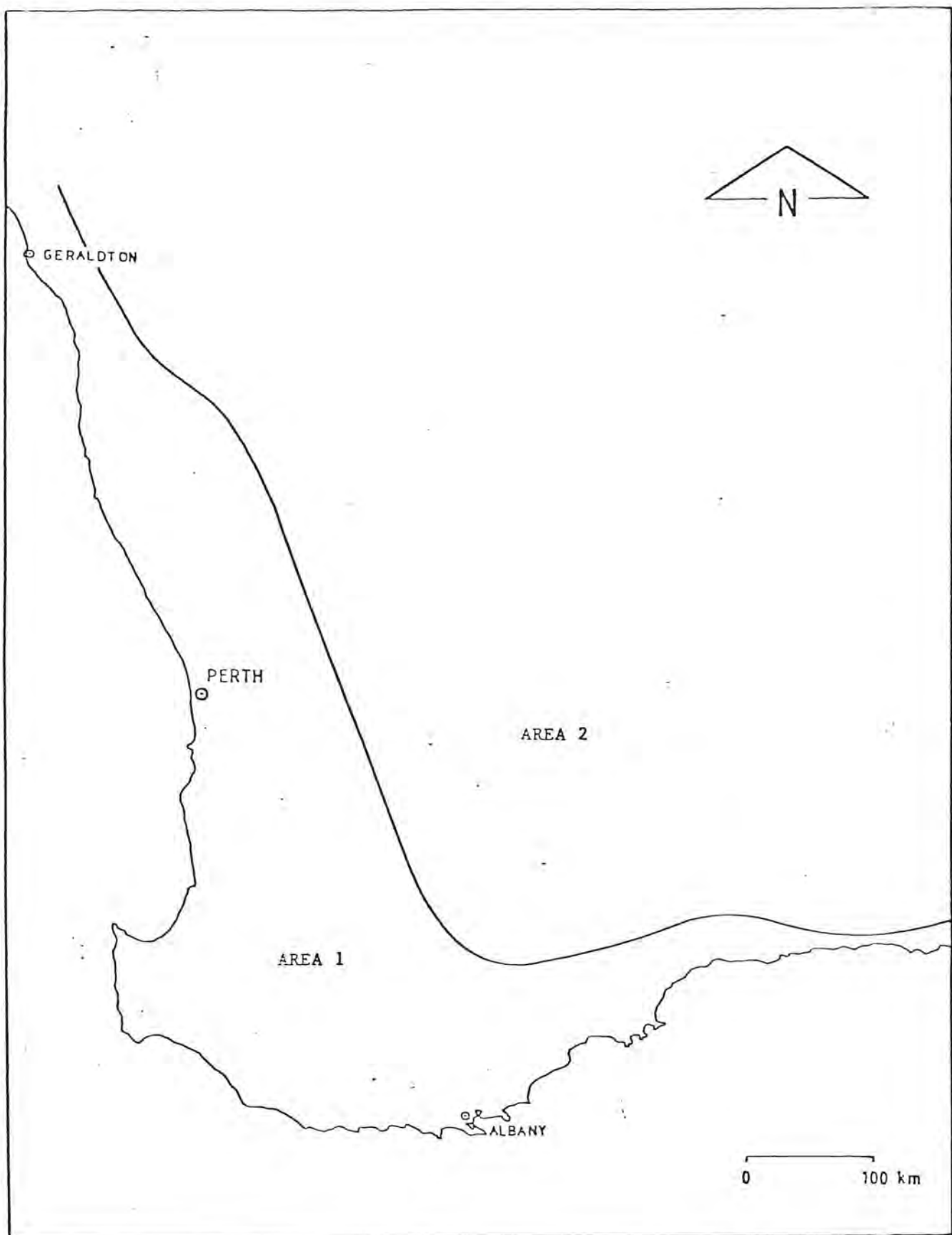
Reserve No.	Reserve Name	Apiary Site	Apiary Site
		Permit Numbers	Permit Expiry Date
27886	South Eneabba*	3048	31.1.83
		3264	31.5.83
28558	Namming*	4819	28.2.83
		1422	31.3.83
		1428	30.4.83
		2304	30.11.82
		1311	31.10.83
31030	South Eneabba*	3523	30.6.83
		3524	30.6.83
		3051	31.1.83
		4952	30.6.83
		4854	30.6.83
31754	Cheadanup	3997	31.3.83
		3991	31.3.83
		3988	31.3.83
		3994	31.3.83
34442	Dobaderry*	2653	30.6.83
		1885	30.6.83

*Approved reserve name

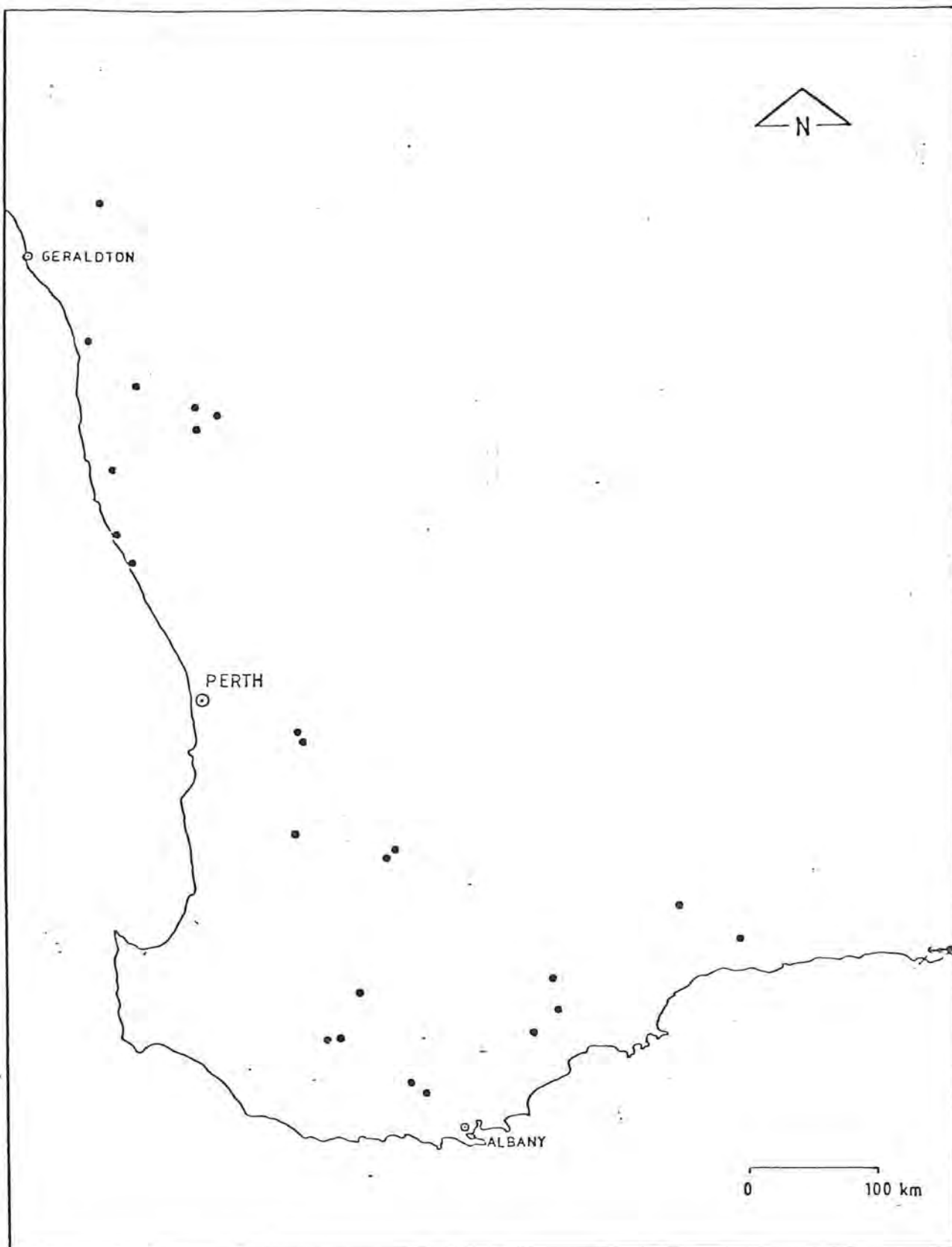
WAWA VESTED NATURE RESERVES LESS THAN 500 HA IN "AREA 1" WHICH HAVE EXISTING
APIARY SITES AND FROM WHICH BEEKEEPING WILL BE EXCLUDED IN FUTURE

RESERVE NO.	RESERVE NAME	LOCAL AUTHORITY	AREA (HA)
7615		Victoria Plains	40
22199		Waroona	300
30618		Gingin	346
33697	Wongamine*	Toodyay	212
36742		Brookton	403
21429		Toodyay	252

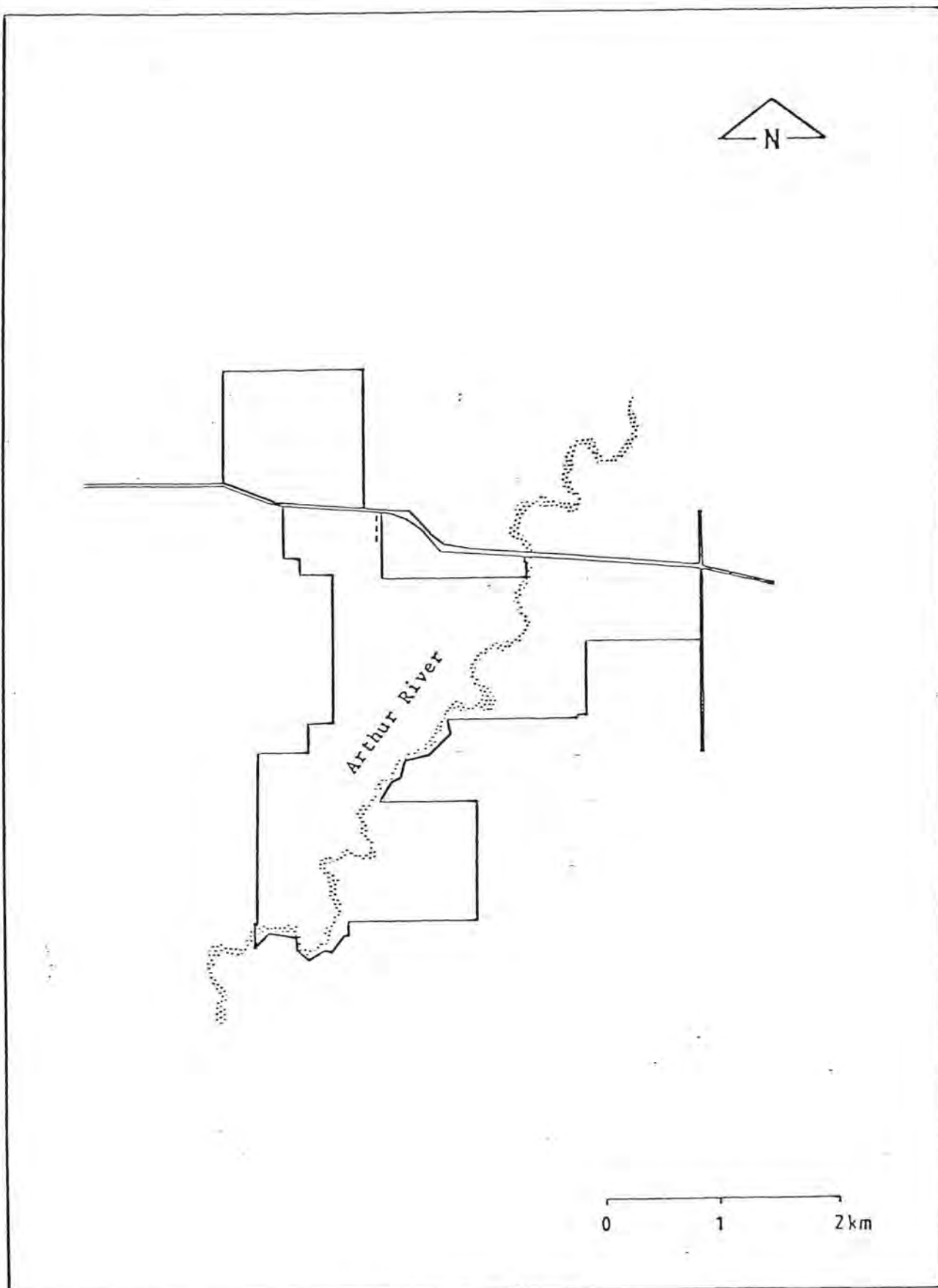
*Approved nature reserve name



South-west of Western Australia showing
the region ("Area 1") in which "...feral bees are
already present".



South-west of Western Australia showing the location of the W.A. Wildlife Authority vested Nature Reserves which are available for beekeeping.



Arthur River Nature Reserve (Reserve No. 9508)

Shire: Narrogin

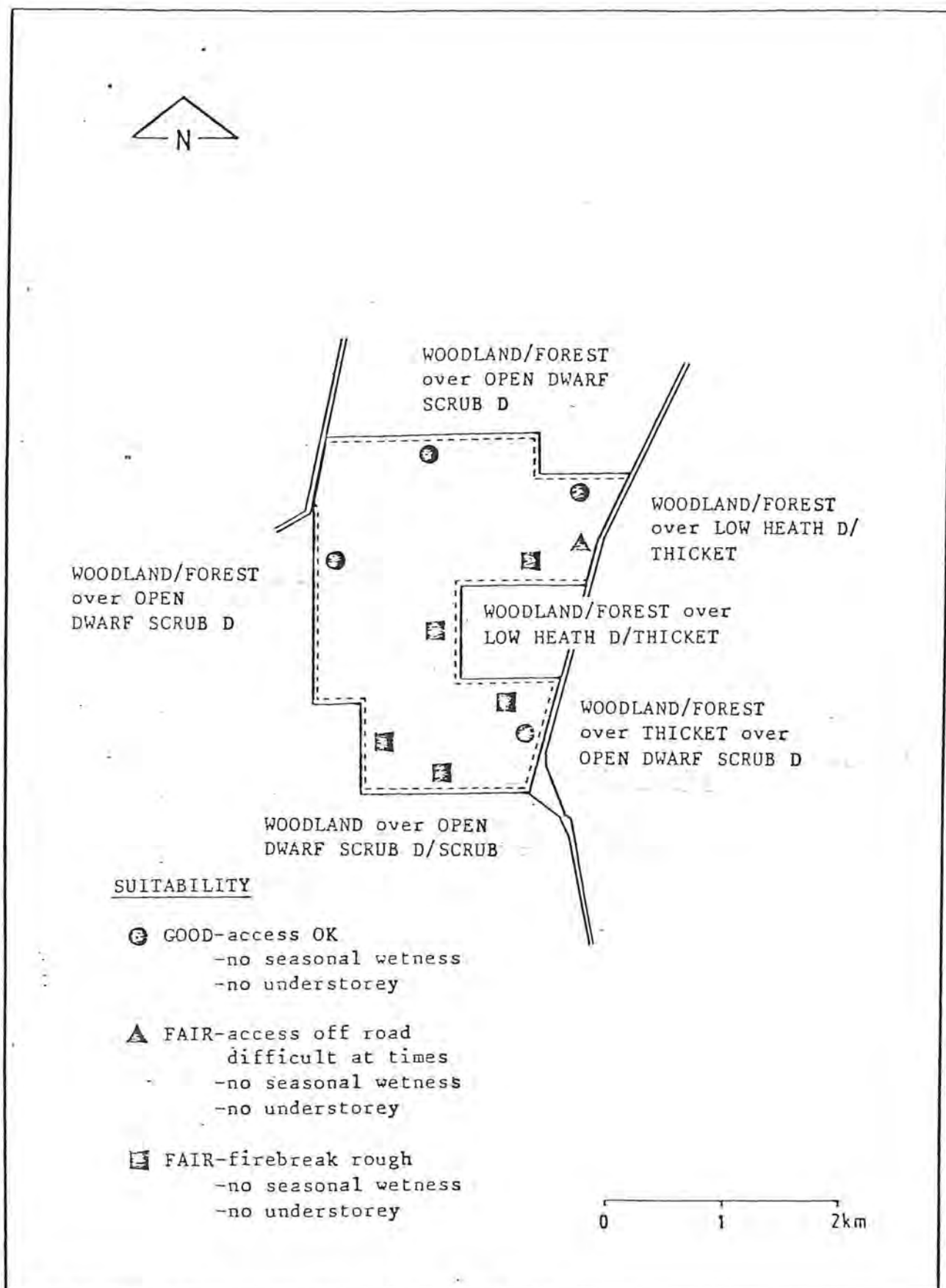
Area: 781~~4~~7 ha

Litho: 385/80

1:50 000 2331-I Piesseville

Location: No: Williams 3520, 4932, 10295, 6215, 15449,
4860, 11319

No apiary sites on the reserve at present.



Towerlup Creek Nature Reserve (Reserve No. 17760)

Shire: Kojonup

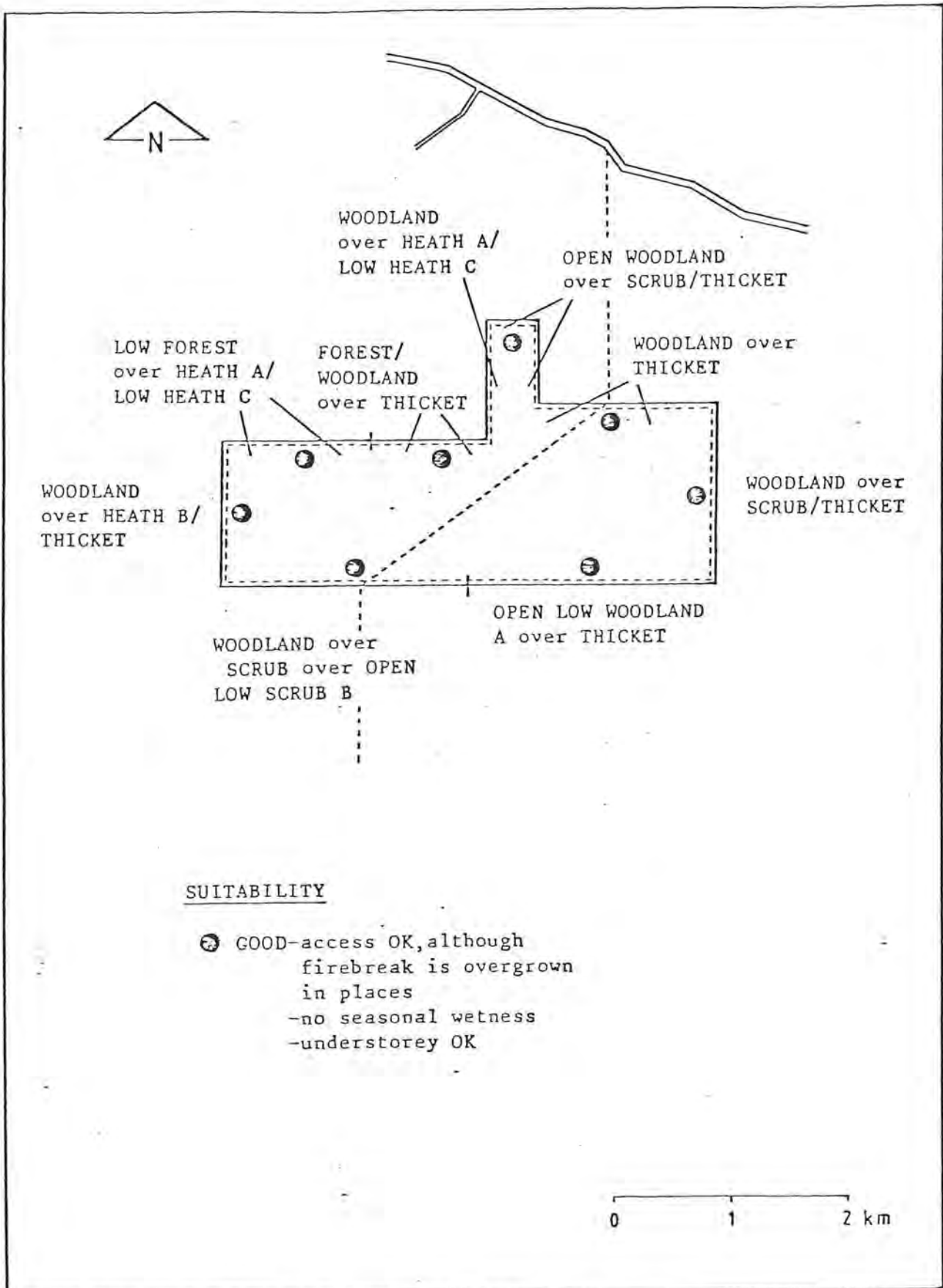
Area: 551.1 ha

Litho: 437/80

1:50 000 2329-IV Nannup

Location No:Kojonup 7690

No apiary site permits are held for the reserve at present.



Pardelup Nature Reserve (Reserve No. 23171)

Shire: Plantagenet

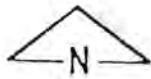
Area: 607.0 ha

Litho: 452/80

1:50 000 2328-I Kwormicup

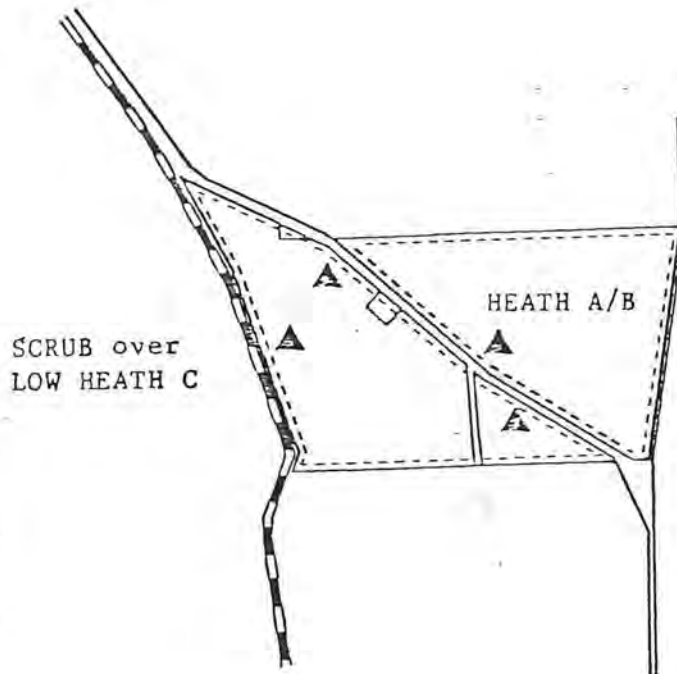
Location No: Hay 2024, 2023

No apiary sites exist on the reserve at present.



SUITABILITY

- ▲ FAIR-access OK, although
heavy sand occurs
in places
-no seasonal wetness
-understorey OK



Remainder of the Reserve boundaries
and the land adjacent to the N-S orientated
road are unsuitable due to seasonal wetness.

0 2 4 km

Marchagee Nature Reserve (Reserve No. 23601)

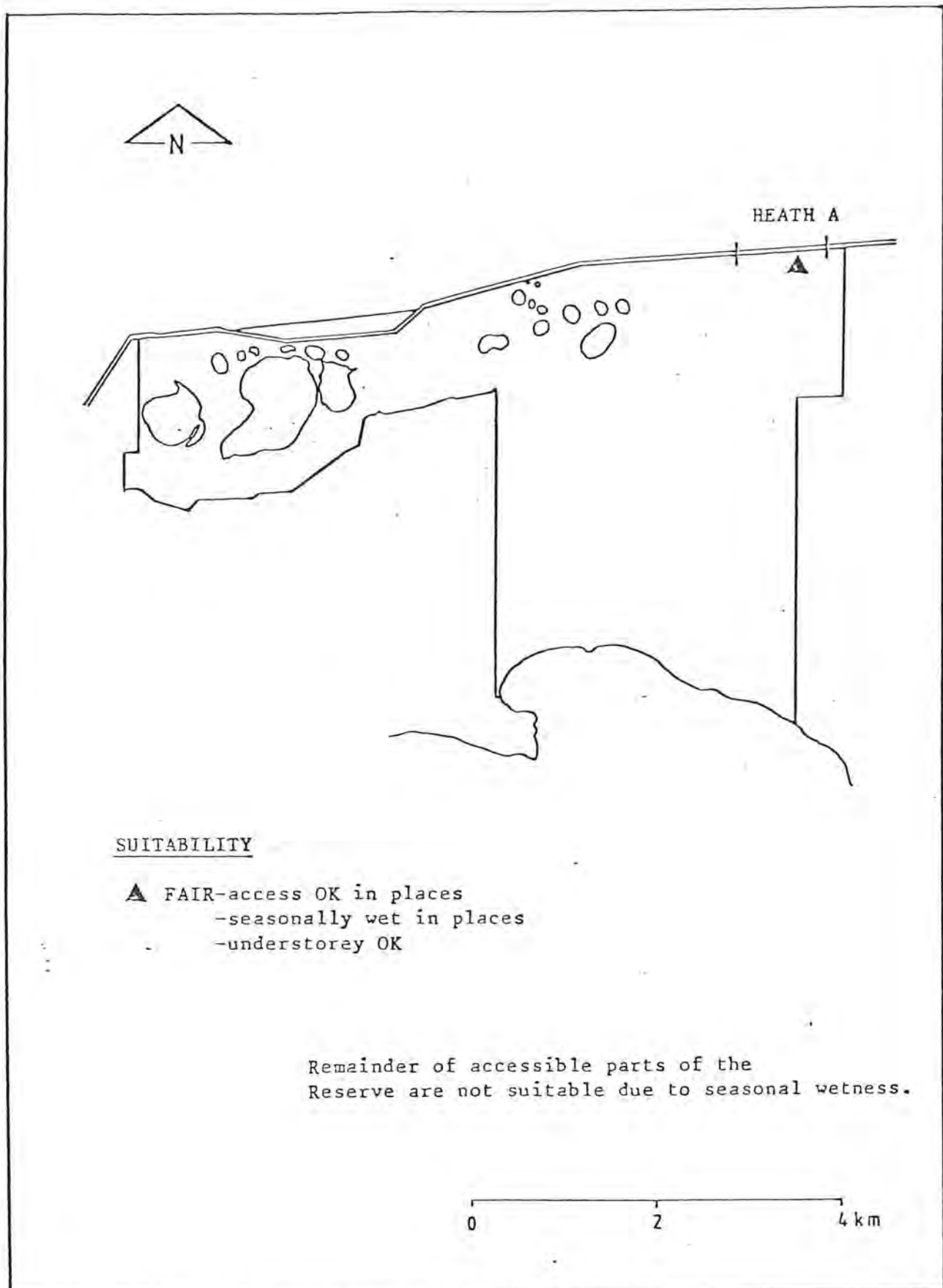
Shire: Coorow

Area: 577.6 ha

Litho: 90/80

Location No: Victoria 8714, 10071

No apiary sites exist at present on the reserve.



Mullet Lake Nature Reserve (Reserve No. A23825)

Shire: Esperance

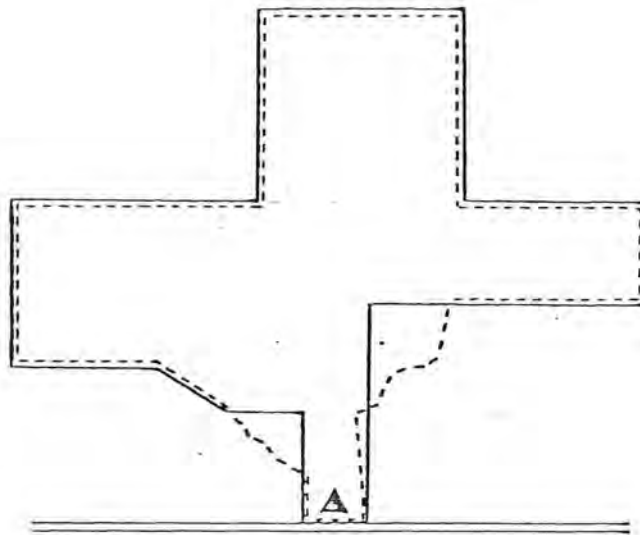
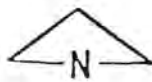
Area: 1917.4 ha

Litho: 423/80

1:50 000 3230-II Esperance

Location No: Esperance 43, 813, 815, 816, 817, 818, 1479

No apiary sites exist at present on the reserve.



HEATH A

SUITABILITY

- ▲ FAIR-access OK
-some seasonal wetness
-understorey OK

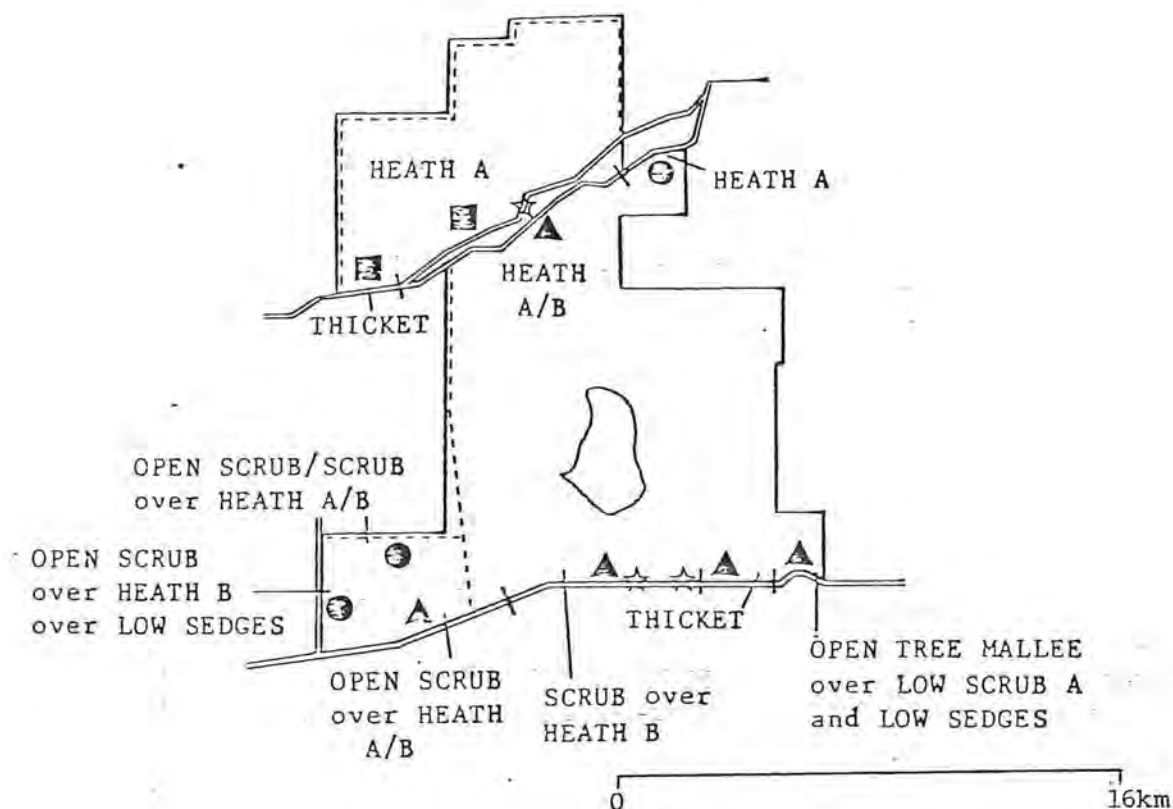
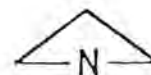
0 4 8 km

Capamaura Nature Reserve (Reserve No. 24618)

Shire: Coorow
Area: 3587.5 ha
Litho: 90/80, 95/80
Location No: Victoria 8115, 10097, 10966

No apiary sites exist at present on the reserve.

☆ NO PERMIT AREA-duck hunters' access track.



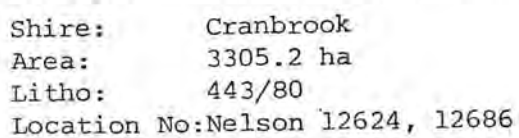
SUITABILITY

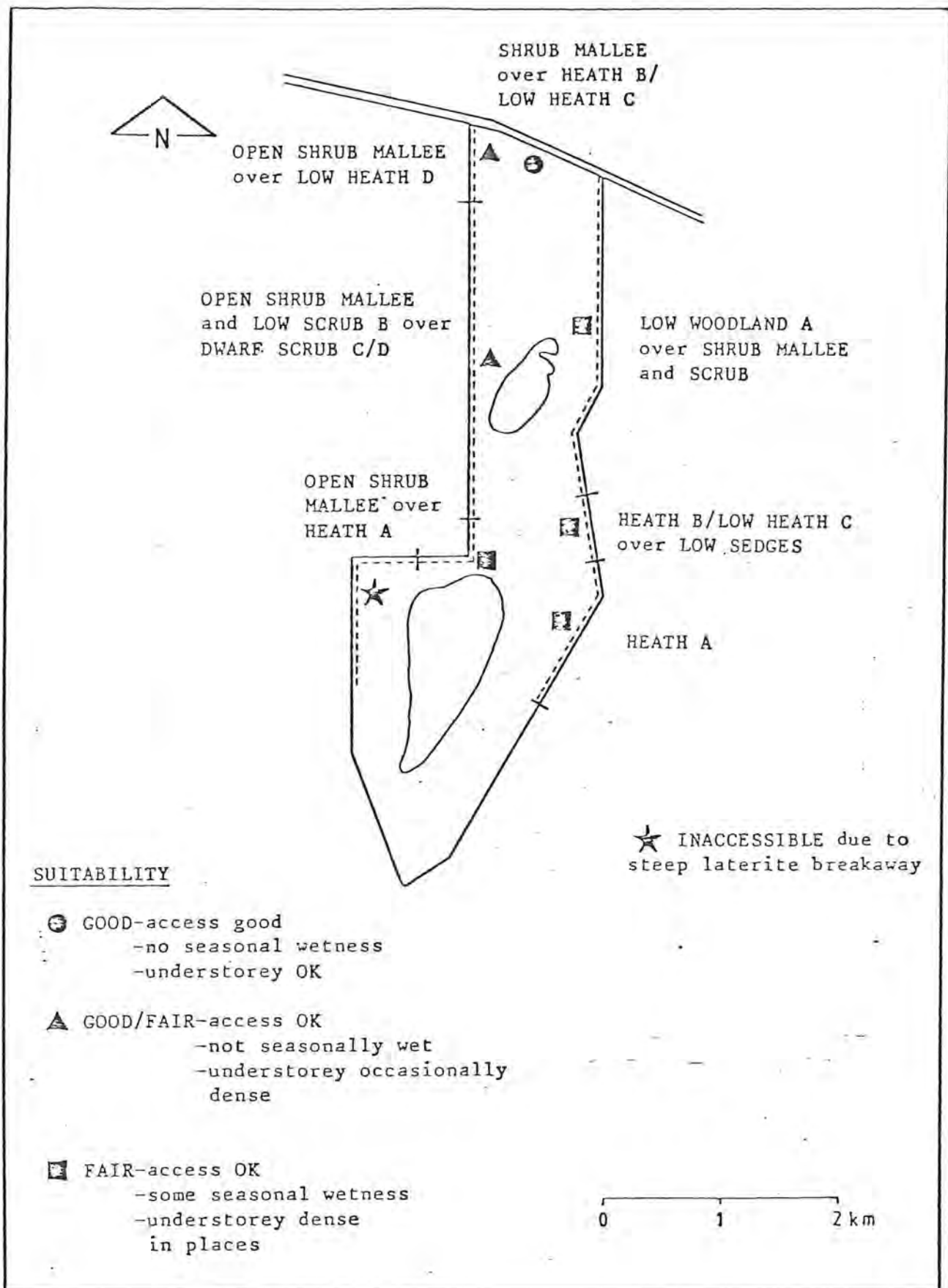
- GOOD-access OK
 - no seasonal wetness
 - understorey OK
- ▲ GOOD/FAIR-access good
 - some seasonal wetness
 - understorey occasionally dense
- FAIR-access off road
 - difficult at times
 - some seasonal wetness
 - understorey dense in places

Pinjarega Lake Nature Reserve
(Reserve No. A25210)

Shire: Coorow
Area: 18 220.7 ha
Litho: 90/80
Location No: Victoria 10090, 11152

At present no apiary sites exist on the reserve, however, five sites are located within three kilometres of the southern boundary of the reserve. The close proximity of these sites to the reserve must be taken into consideration in the allocation of sites on the reserve.





Mailalup Nature Reserve (Reserve No. 26264)

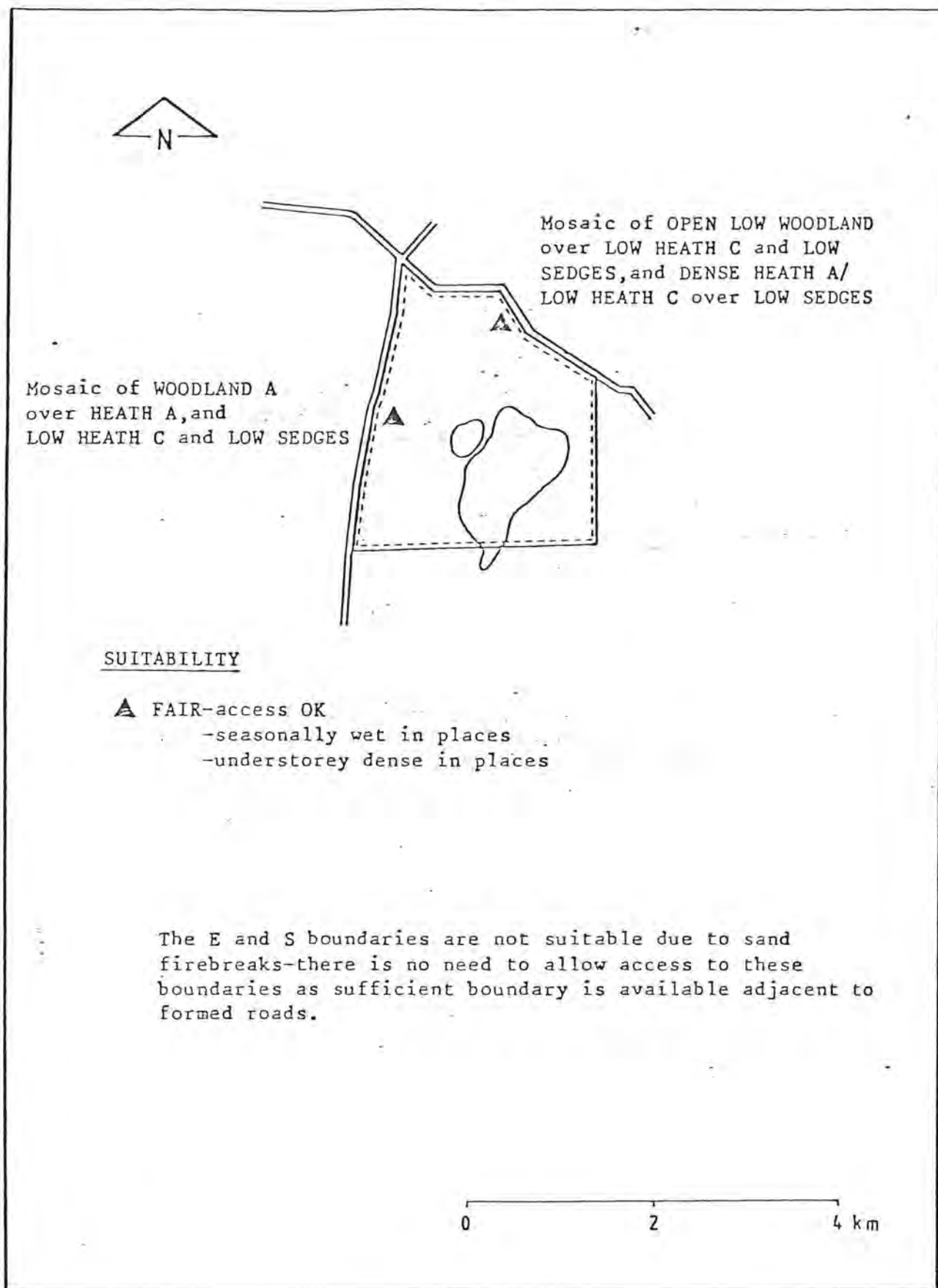
Shire: Gnowangerup

Area: 768.2 ha

Litho: 446/80

Location No: Plantagenet 6245

No apiary sites exist at present on the reserve.



Kulunilup Nature Reserve (Reserve No. 26677)

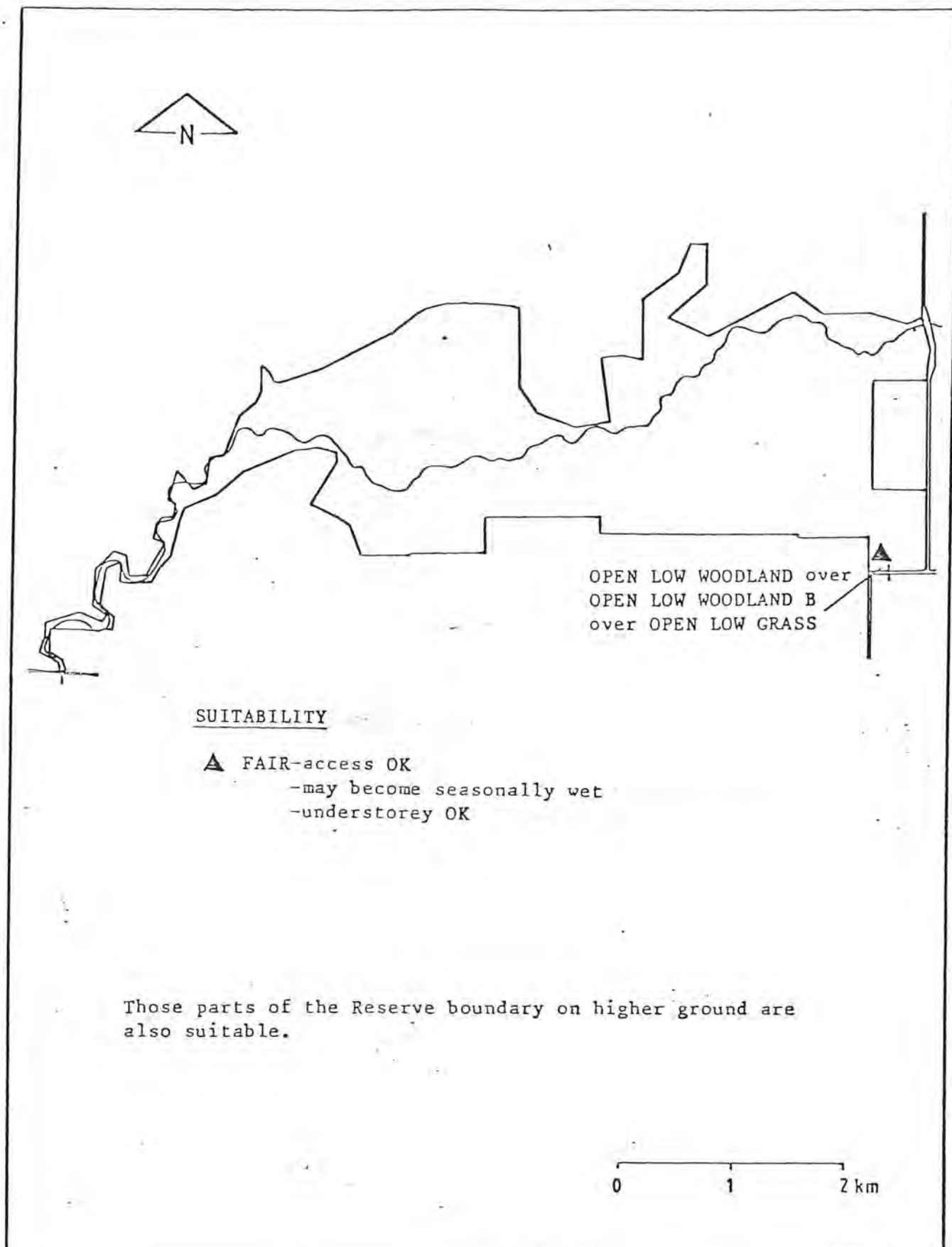
Shire: Cranbrook

Area: 612.0 ha

Litho: 443/80

Location No: Nelson 12683, 13031

No apiary sites exist at present on the reserve.



Arthur River Flats Nature Reserve (Reserve No. 26789)

Shire: Narrogin

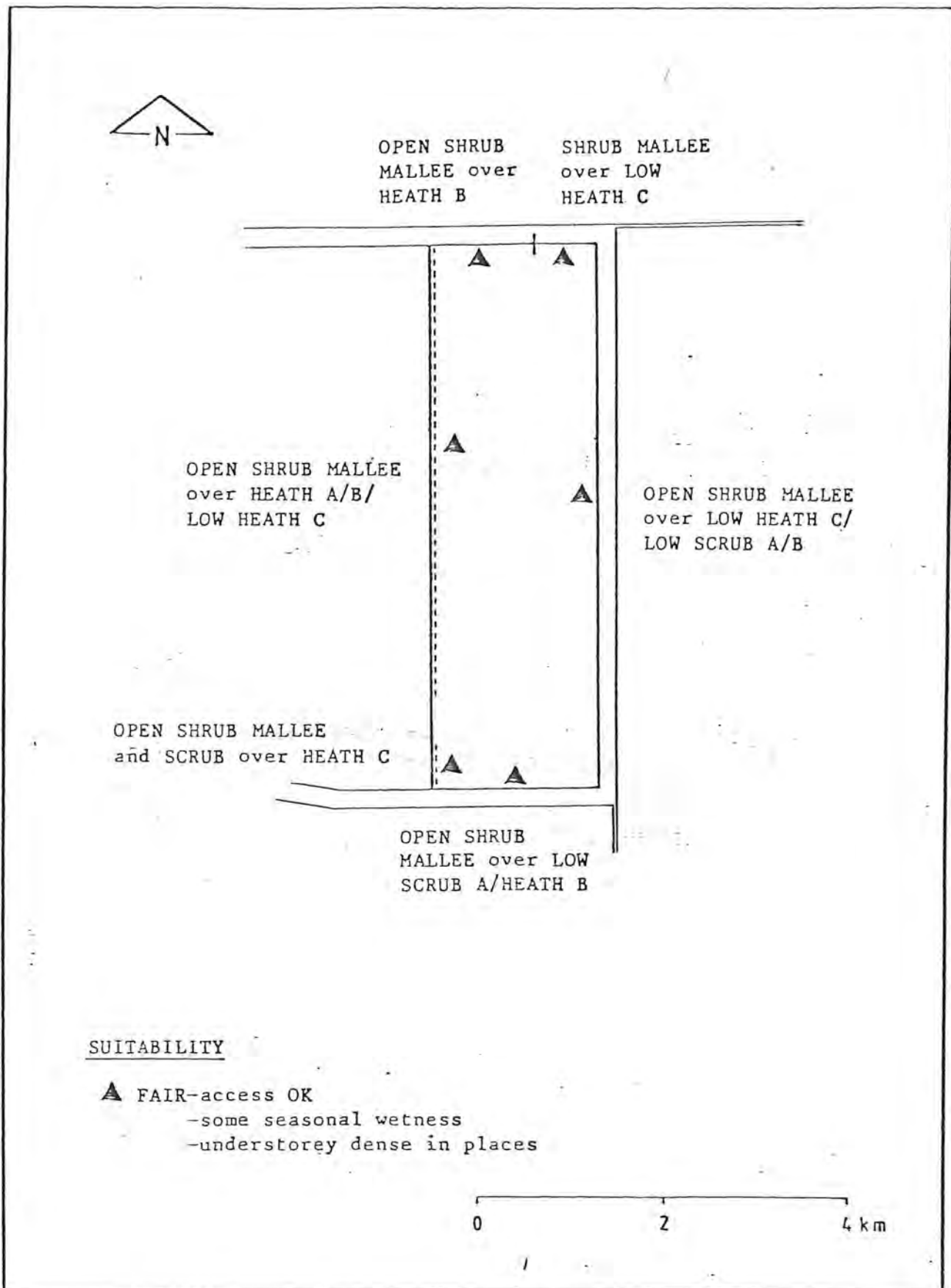
Area: 1068.8 ha

Litho: 385/80

1:50 000 2331-I Peisseville

Location No: Williams 15392, 15377, 15450

No apiary sites exist at present on this reserve.



Reserve No. 26792 (unnamed)

Shire: Gnowangerup

Area: 1038.9 ha

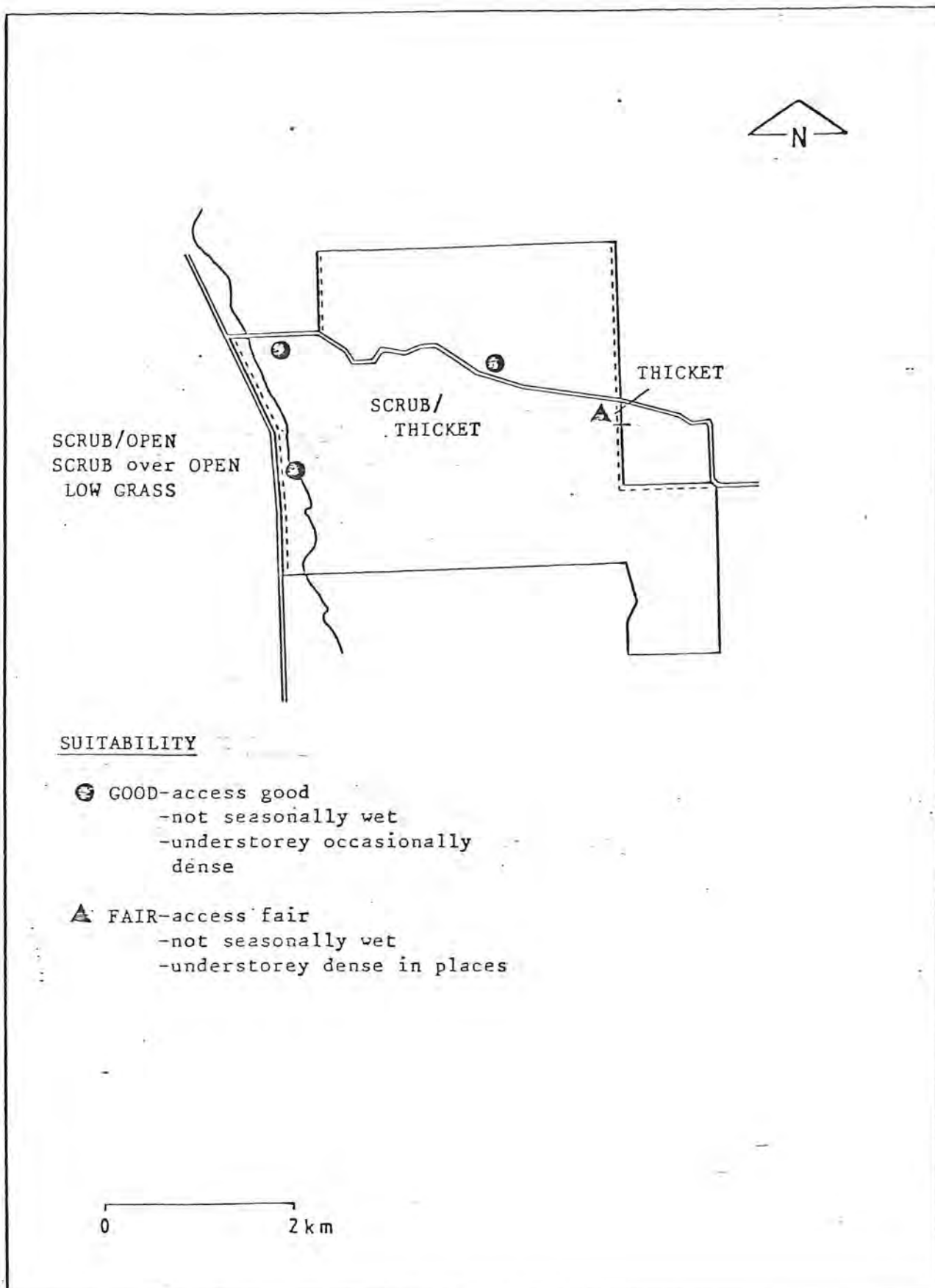
Litho: 435/80

Location No: Kent 1819

No apiary sites exist on this reserve.



No apiary sites exist at present on the reserve.



SUITABILITY

- GOOD-access good
 - not seasonally wet
 - understorey occasionally dense
- ▲ FAIR-access fair
 - not seasonally wet
 - understorey dense in places

East Yuna Nature Reserve (Reserve No. A29231)

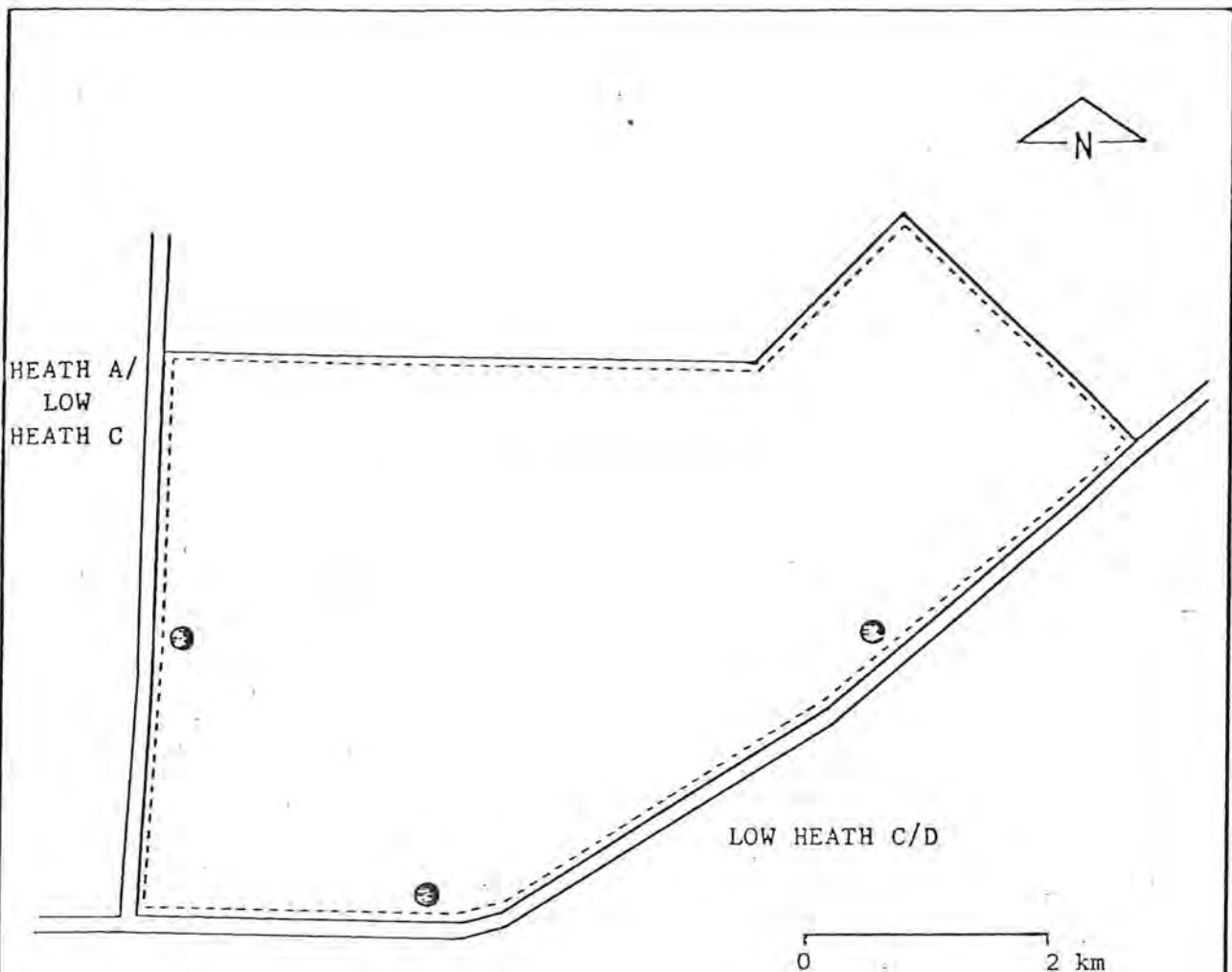
Shire: Chapman Valley

Area: 1446 ha

Litho: 161/80, 156/80

Location No: Victoria 6827, 7323, 9717

No apiary sites exist at present on the reserve.



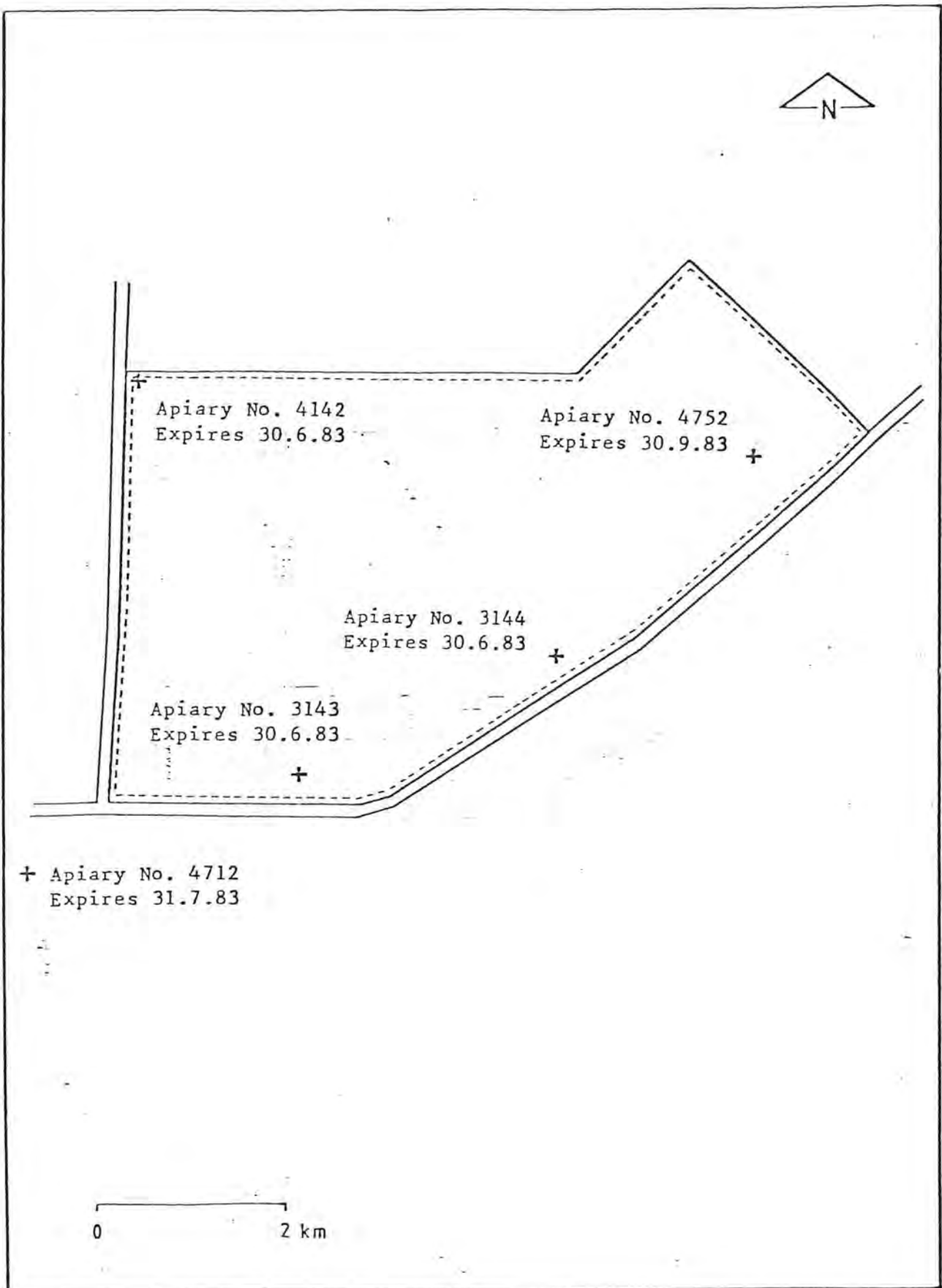
SUITABILITY

- GOOD-access OK
 - not seasonally wet
 - understorey OK

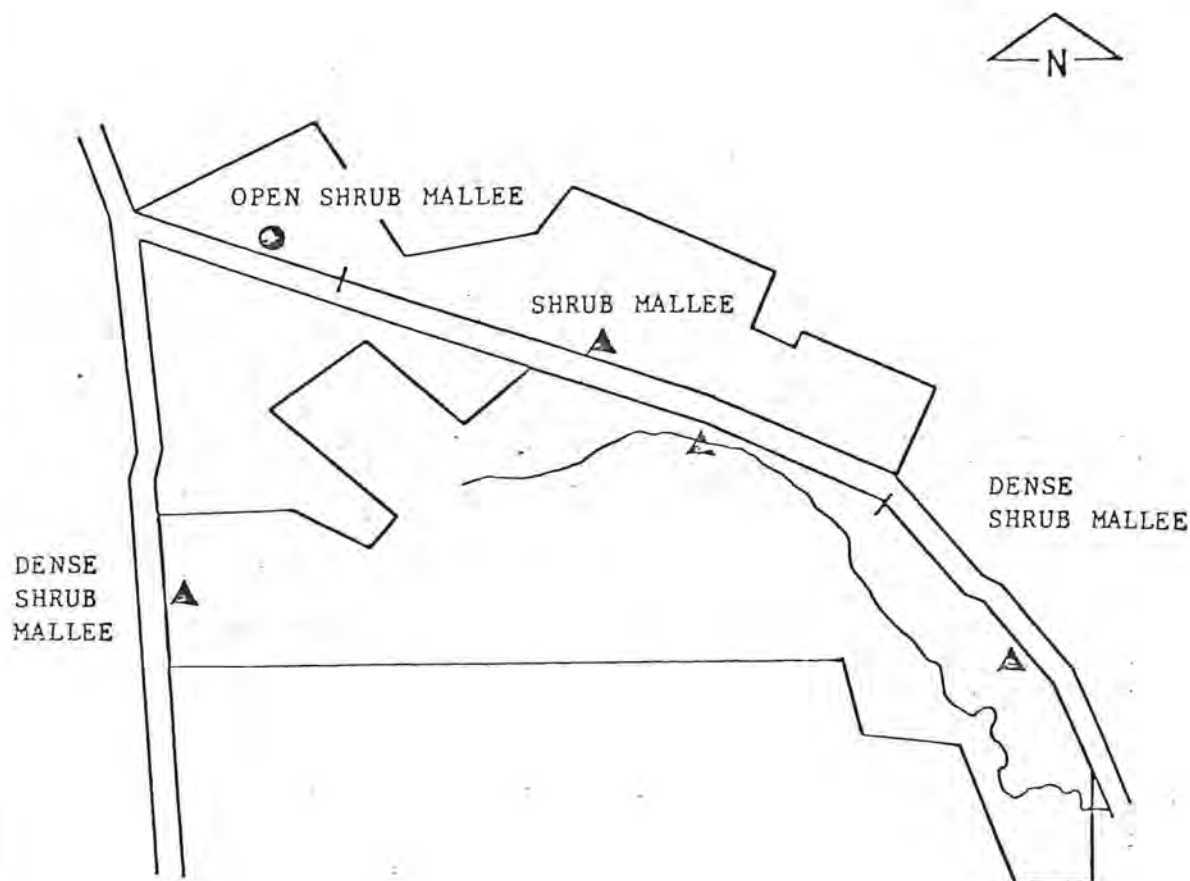
East Eneabba Nature Reserve (Reserve 29806)

Shire: Carnamah
Area: 2891.8 ha
Litho: 94/80
1:50 000 1938-II Eneabba
Location No: Victoria 10902

Four apiary sites exist at present on the reserve. Of these only one Permit (Permit No. 4142) is located sufficiently close to the reserve perimeter so as to satisfy WAWA guidelines. Once the remaining three apiary site permits expire they should be renewed only if the apiarists concerned agree to relocate the proposed sites close to the reserve boundary. Page 27 indicates the location, permit number and permit expiry date of current apiary sites on the reserve. One apiary site outside the reserve is located less than 3 kilometres south-west of the South-west corner of the reserve (page 27) and as such must be taken into consideration in the allocation of sites in the south-western corner of the reserve.



Location of apiary sites on East Eneabba Nature Reserve.



SUITABILITY

● GOOD-access good
-no seasonal wetness
-understorey sparse

▲ FAIR-access good
-no seasonal wetness
-understorey dense
in places

0 2 km

Kundip Nature Reserve (Reserve No. 31128)

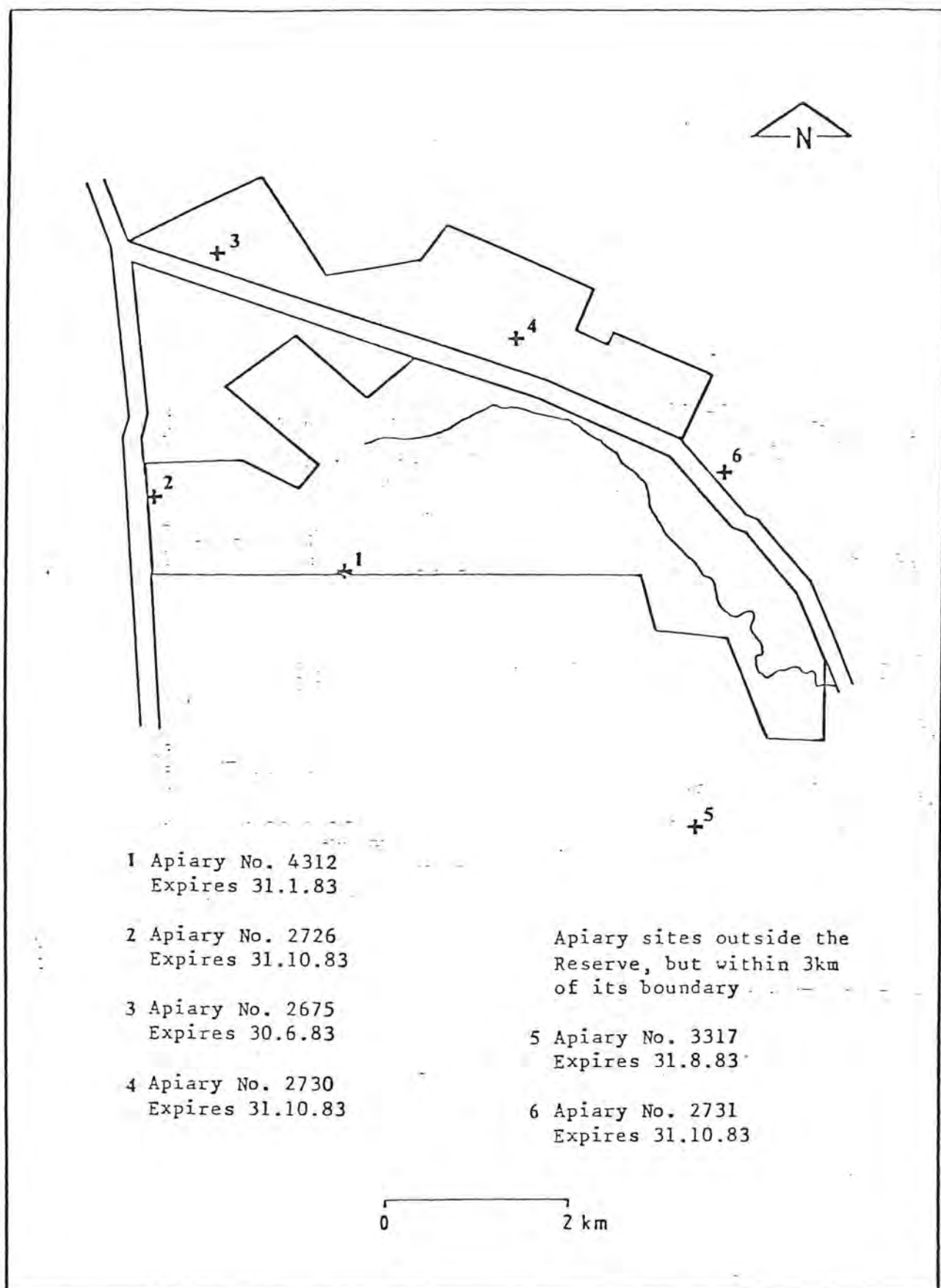
Shire: Ravensthorpe

Area: 2170.2 ha

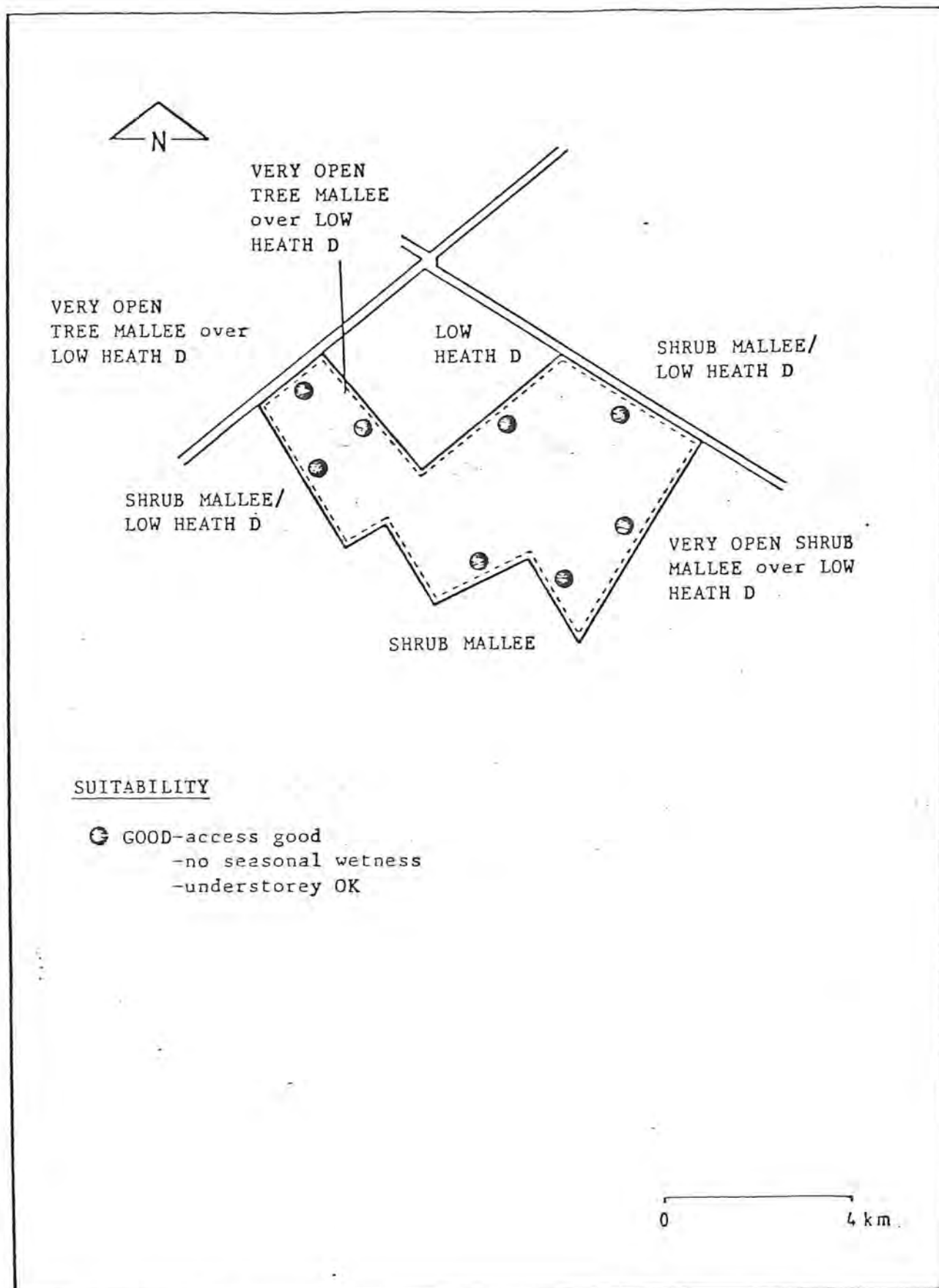
Litho: 421/80

Location No: Oldfield 1216, 1215, 1352

Four apiary sites exist at present on the reserve, of these two only (Permit No.s 2726 and 4312) are located sufficiently close to the reserve perimeter so as to satisfy WAWA guidelines (page 29).. Once the other 2 apiary site permits expire (Permit Nos. 2730 and 2675) they should be renewed only if the apiarists concerned agree to relocate the proposed sites so as they are directly adjacent to the North Jerdacuttup Road. The close proximity of 2 apiary sites outside, but within 3 kilometres of, the reserve boundary should be taken into consideration in any future allocation of apiary sites (page 29).



Location of apiary sites on Kundip Nature Reserve.



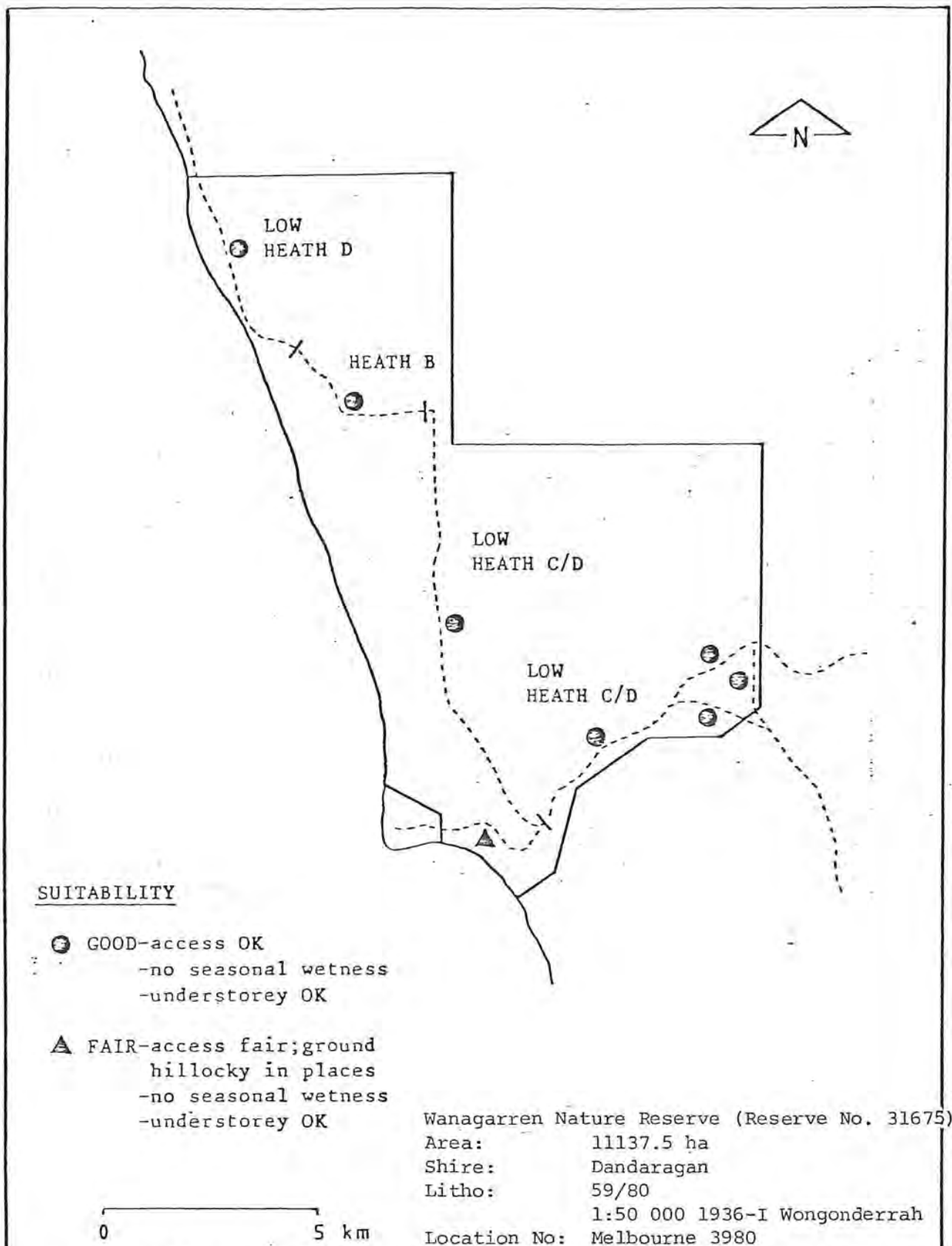
Reserve No. 31424 (unnamed)

Shire: Ravensthorpe

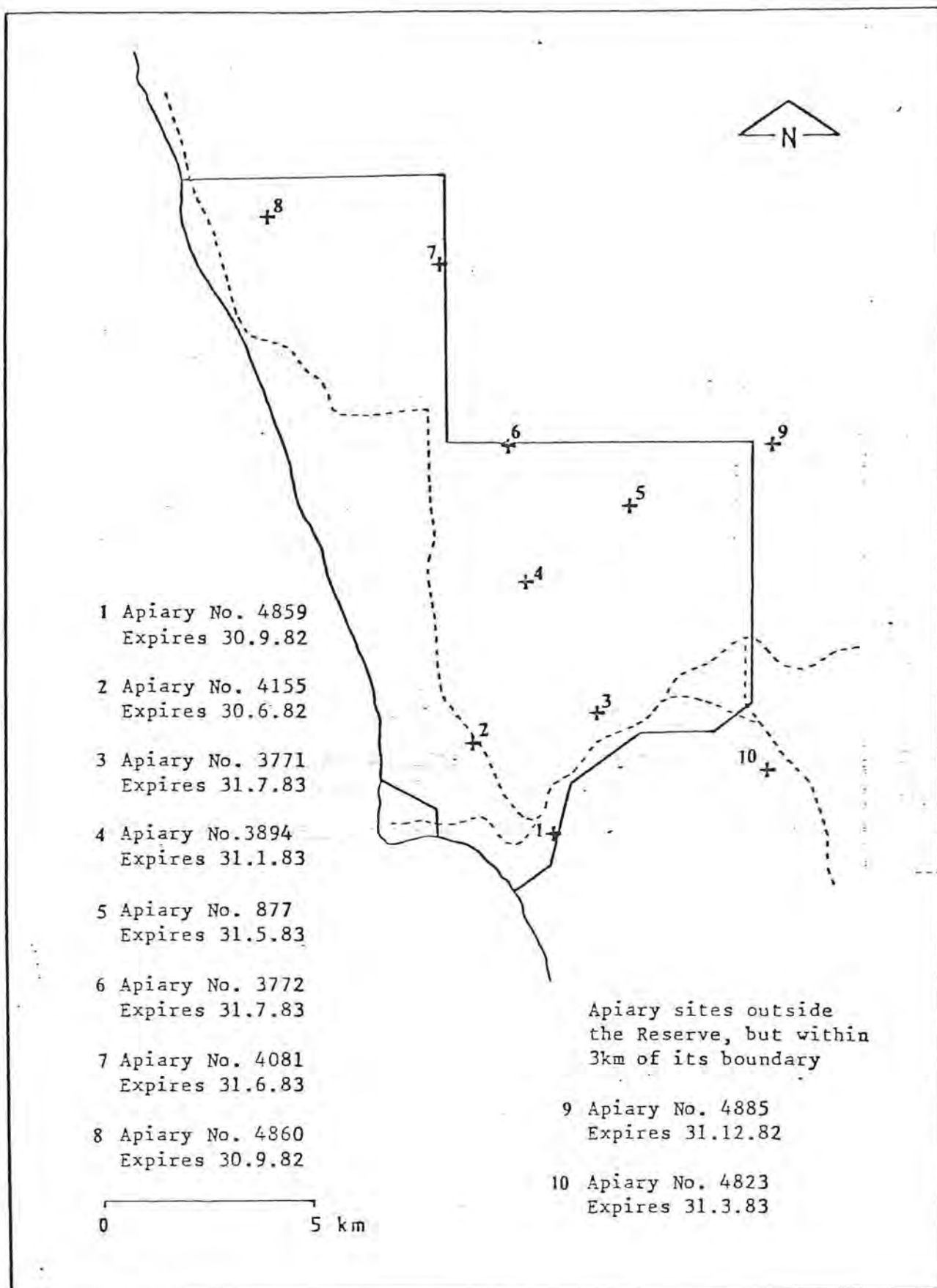
Area: 2936.4 ha

Litho: 405/80

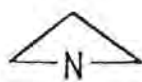
Location No: Kent 1972



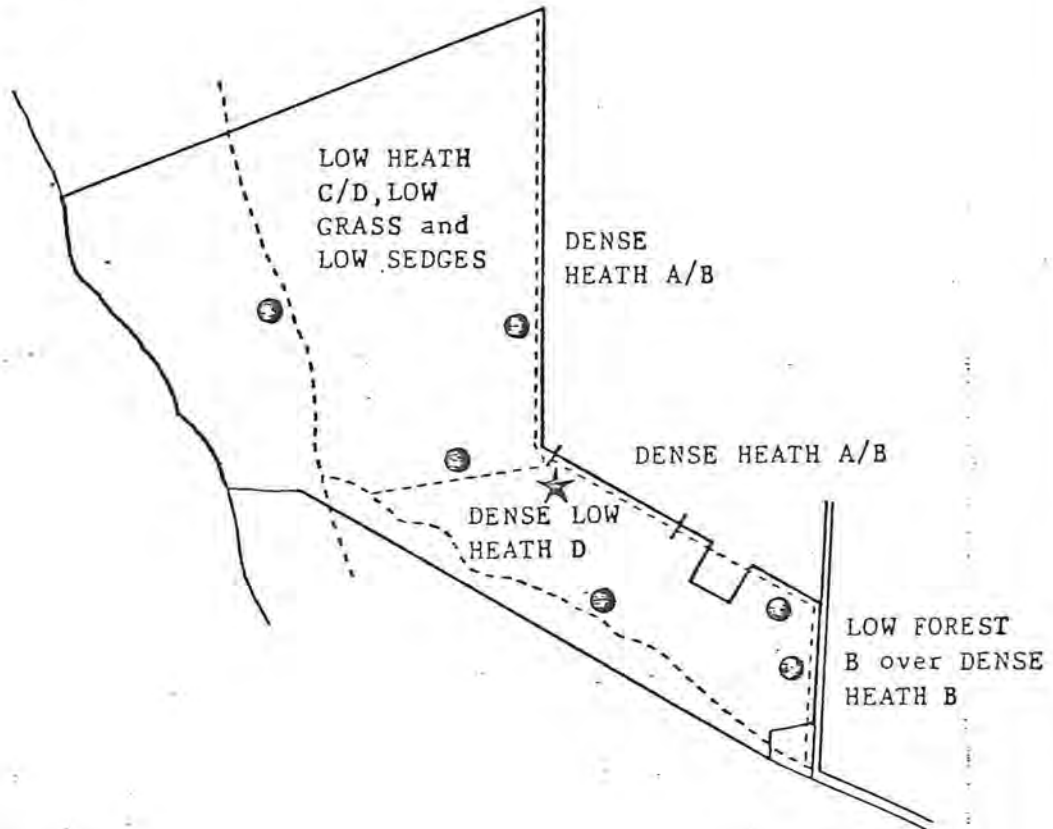
There are 8 apiary sites on the reserve at present (page 32); the location of 3 of these (Permit Nos. 3894, 877 and 4860) contravenes the Authority's policy, as they are not adjacent to the reserve boundary or designated roads. Once these permits expire they should only be renewed if the sites are relocated adjacent to the boundary of the reserve or to the tracks.



Location of apiary sites on Wanagarren Nature Reserve.



★ NOT SUITABLE due to rough firebreak.



SUITABILITY

- ① GOOD-access good
 - no seasonal wetness
 - understorey dense in places

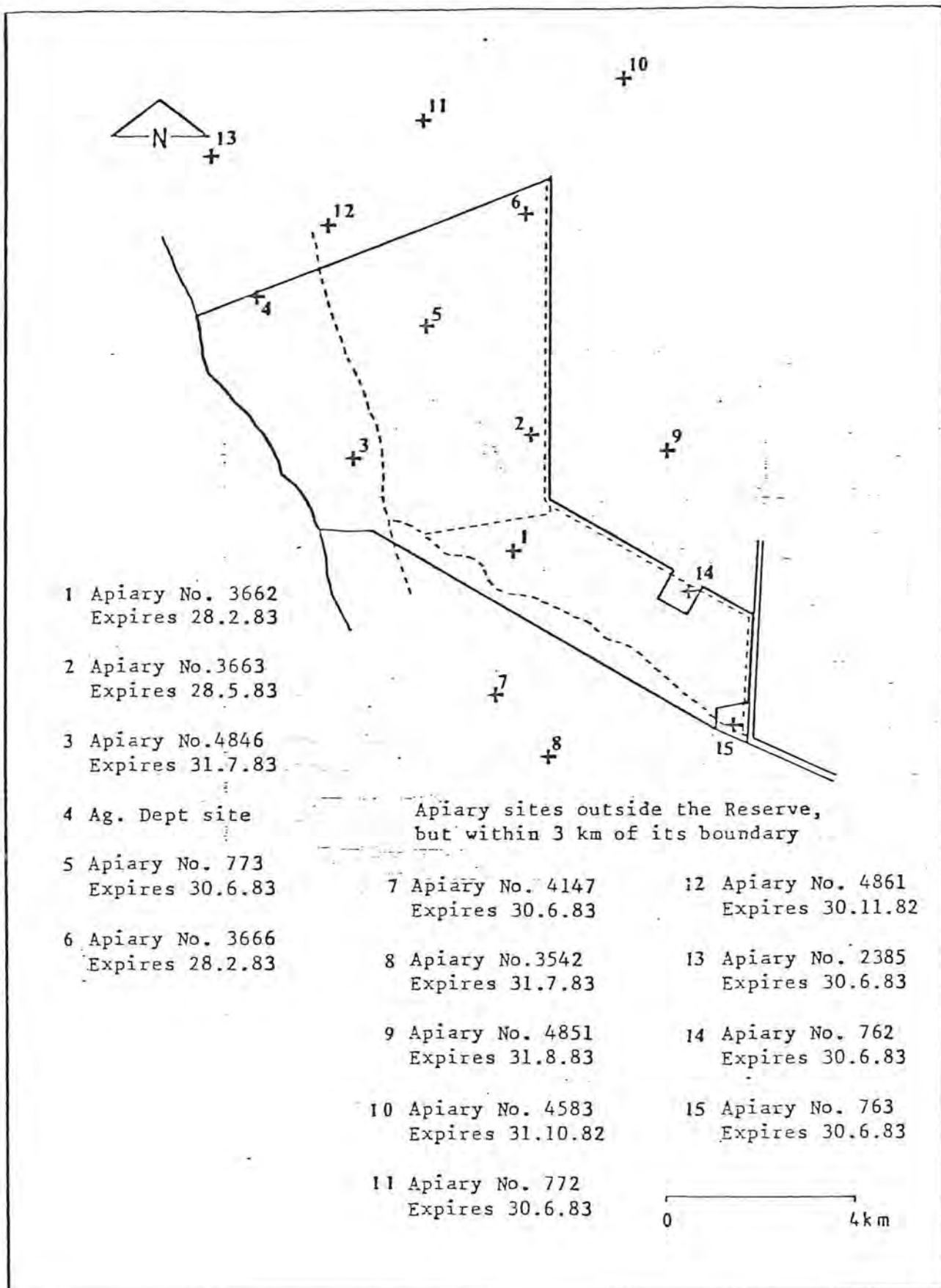
Northern boundary inaccessible due to absence of firebreaks, and continuous fenceline.

Nilgen Nature Reserve (Reserve No. 31781)

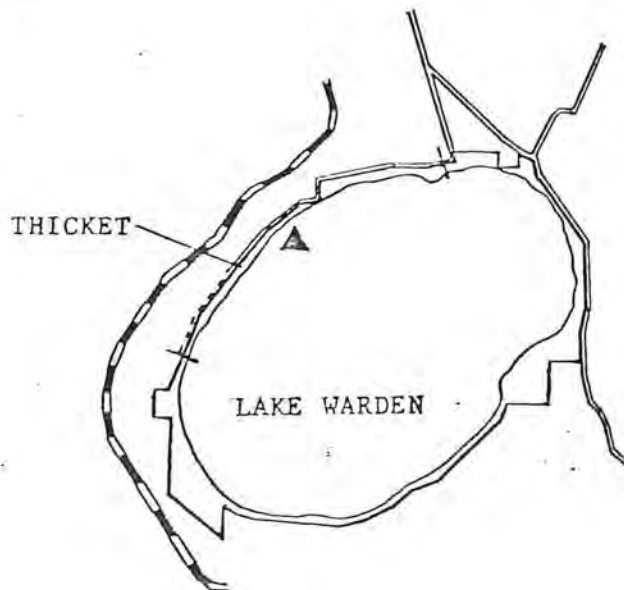
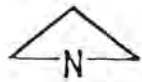
Area: 5569.0 ha
 Shire: Gingin
 Litho: 30/80 59/80
 1:50 000 1935-I Lancelin
 Location No: Swan 4798, 10171

0 4 km

There are 6 apiary sites on the reserve (page 34); Two of these sites (Permit Nos. 773 and 3662) contravene the Authority's policy as they are not adjacent to the reserve boundary or to designated roads. When these permits expire they should not be renewed unless the sites are relocated. The northern and southern boundaries of the reserve are not suitable for beekeeping as they are inaccessible.



Location of apiary sites on Nilgen Nature Reserve.



SUITABILITY

- ▲ FAIR-access OK
-not seasonally wet
-understorey occasionally
dense

The remainder of the Reserve boundary
is unsuitable due to the narrowness of
the belt of vegetation around the lake.

0 2 km

Lake Warden Nature Reserve (Reserve No. A32257)

Area: 709.7 ha

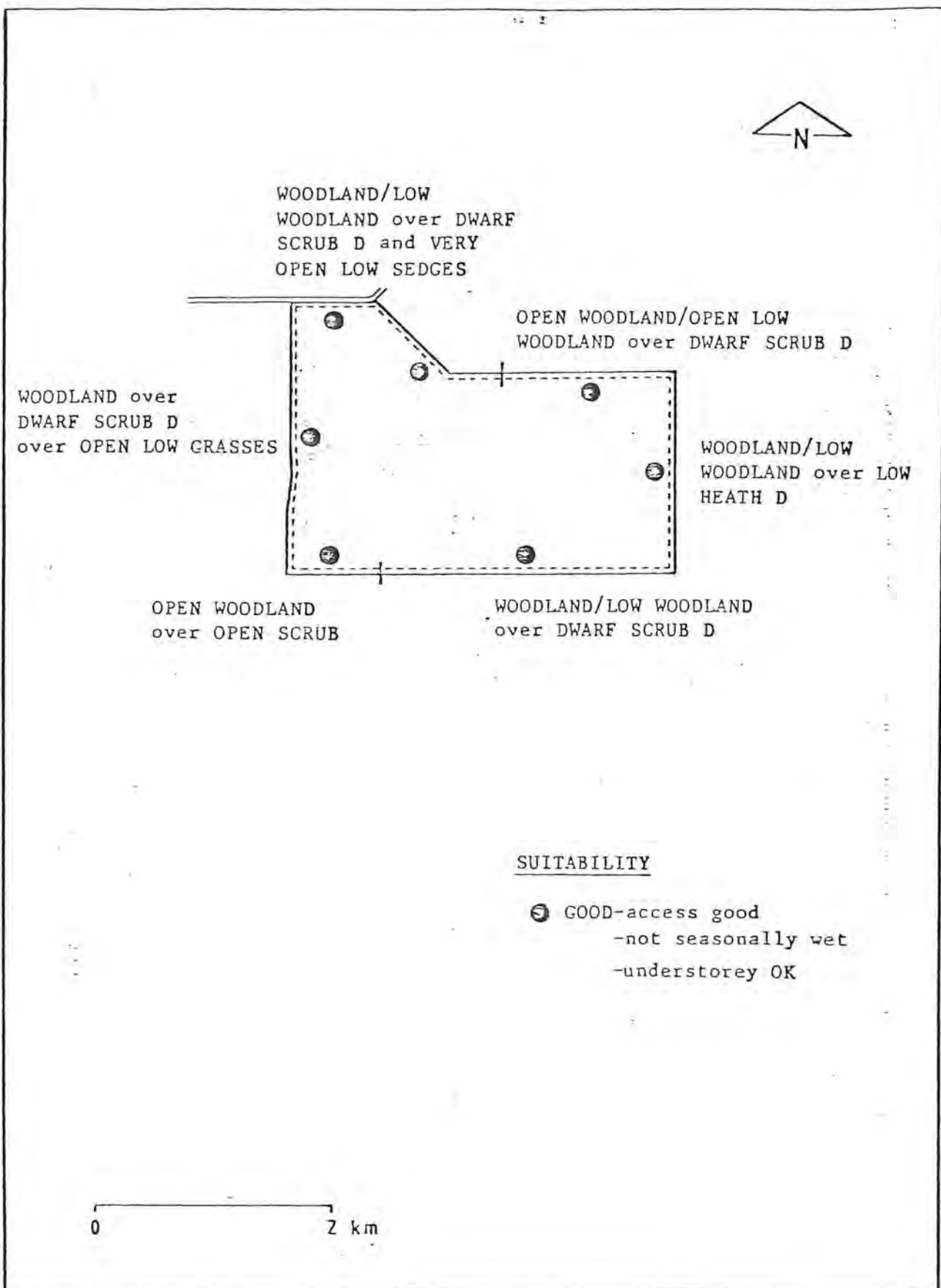
Shire: Esperance

Litho: 423/80

1:50 000 3230-II Esperance

Location No: Esperance (un-numbered location)

No apiary sites exist at present on this reserve.



Mooradung Nature Reserve (Reserve No. 32448)

Area: 630.5 ha

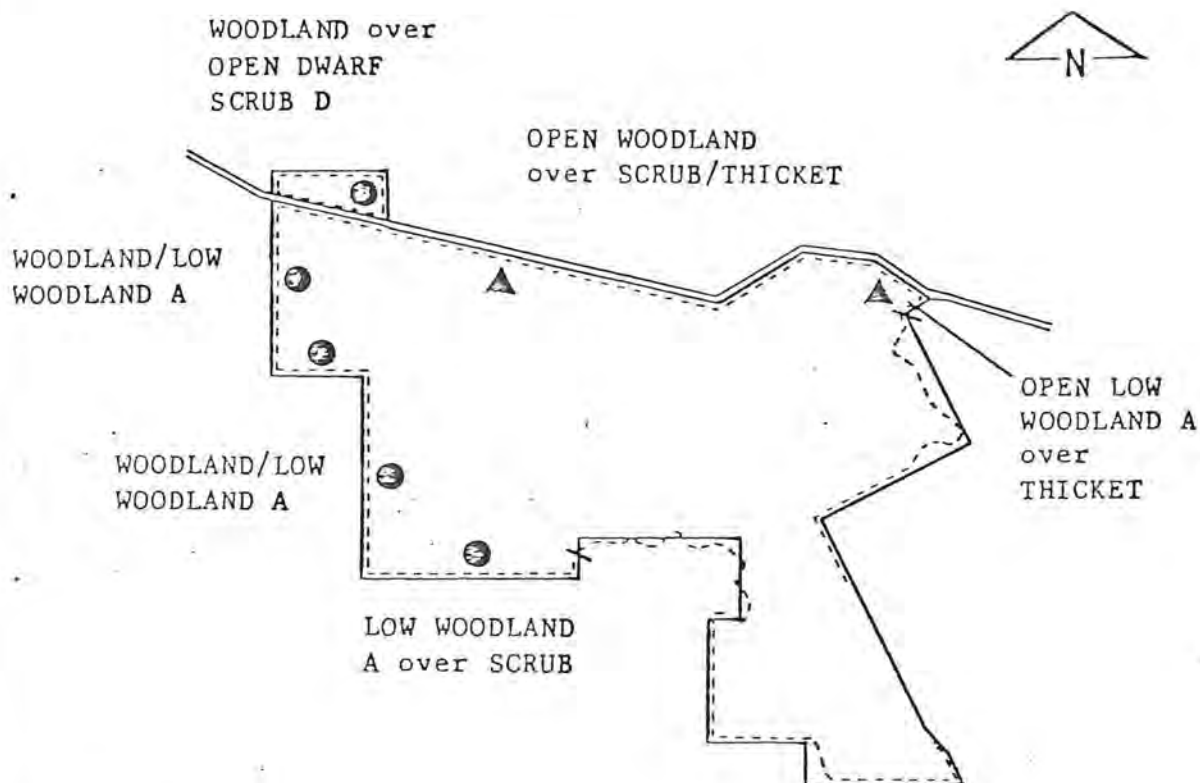
Shire: Boddington

Litho: 384/80

1:50 000 Dwarda 2232-III

Location No: Williams 15312, 15675

No apiary sites exist at present on the reserve.



SUITABILITY

● GOOD-access good
-not seasonally wet
-understorey OK

▲ FAIR-access good
-not seasonally wet
-understorey dense
in places

0 2 km

Mt Westdale Nature Reserve (Reserve No. 33188)

Area: 802.4 ha

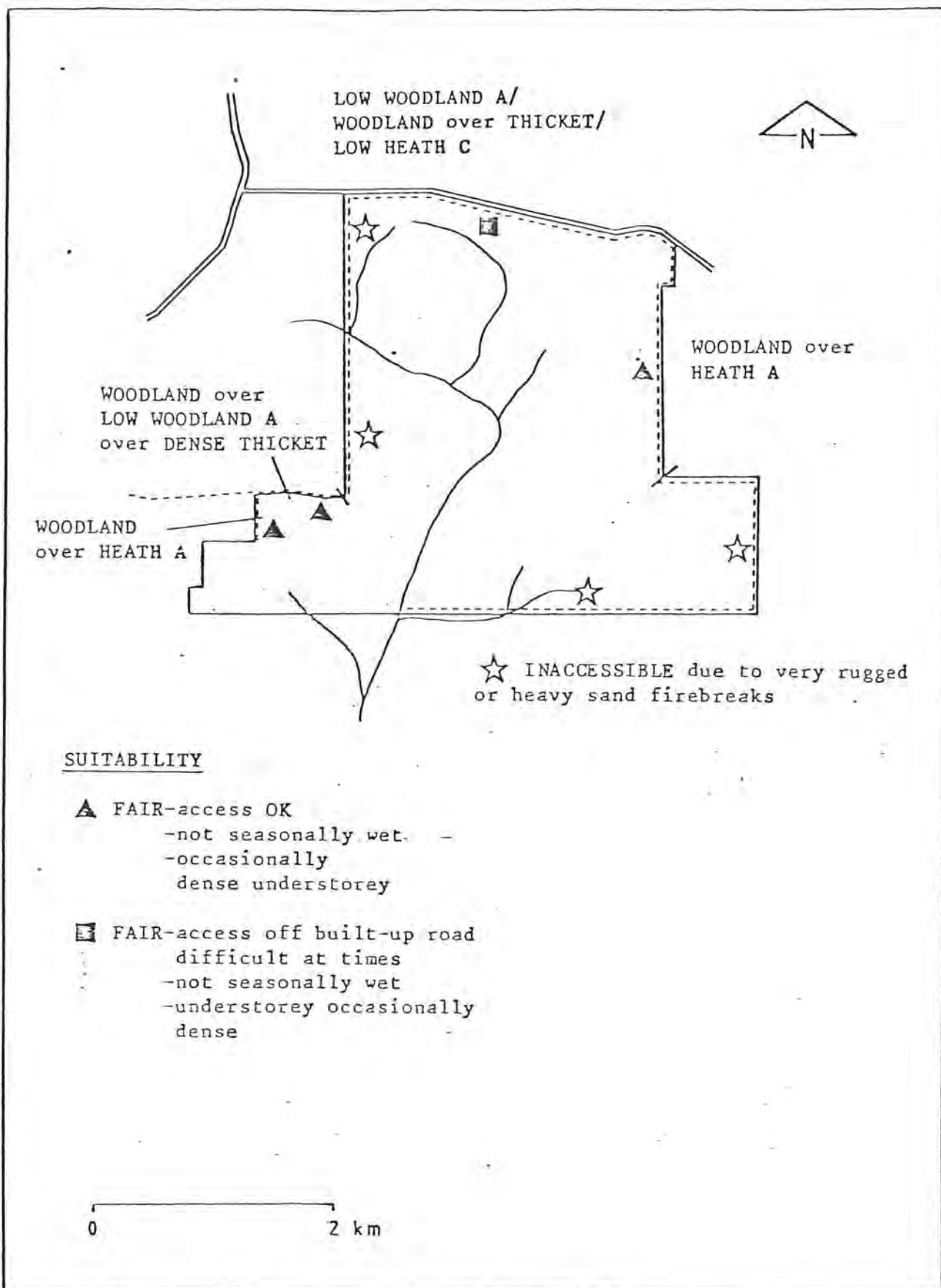
Shire: Beverley

Litho: 342/80

1:50 000 Luptons 2233-II

Location No: Avon 28492

No apiary sites exist at present on the reserve.

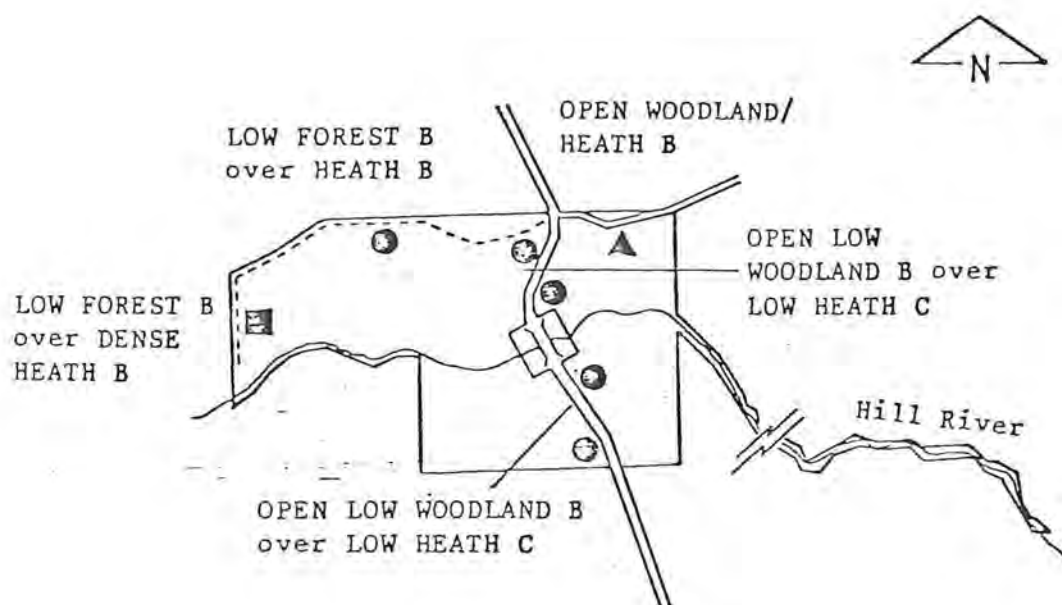


Sheepwash Creek Nature Reserve (Reserve No. 35168)

Area: 1111.3 ha
Shire: Plantagenet
Litho: 451/80 452/80
1:50 000 2428-III Redmond
2428-IV Mount Barker

Location No: Hay 2193, 2194, 2334, 547

No apiary sites exist at present on the reserve.



SUITABILITY

- GOOD-access OK
 - no seasonal wetness
 - understorey OK
- ▲ GOOD/FAIR-access OK
 - some seasonal wetness
 - understorey OK
- FAIR-access fair
 - no seasonal wetness
 - understorey dense in places

No need to consider S and E boundaries as sufficient area is available on other boundaries. Those parts of the Reserve adjacent to the river are not suitable due to the narrowness of the vegetated area.

Hill River Nature Reserve (Reserve No. A36093)

Area: 882 ha (ex roads)

Shire: Dandaragan

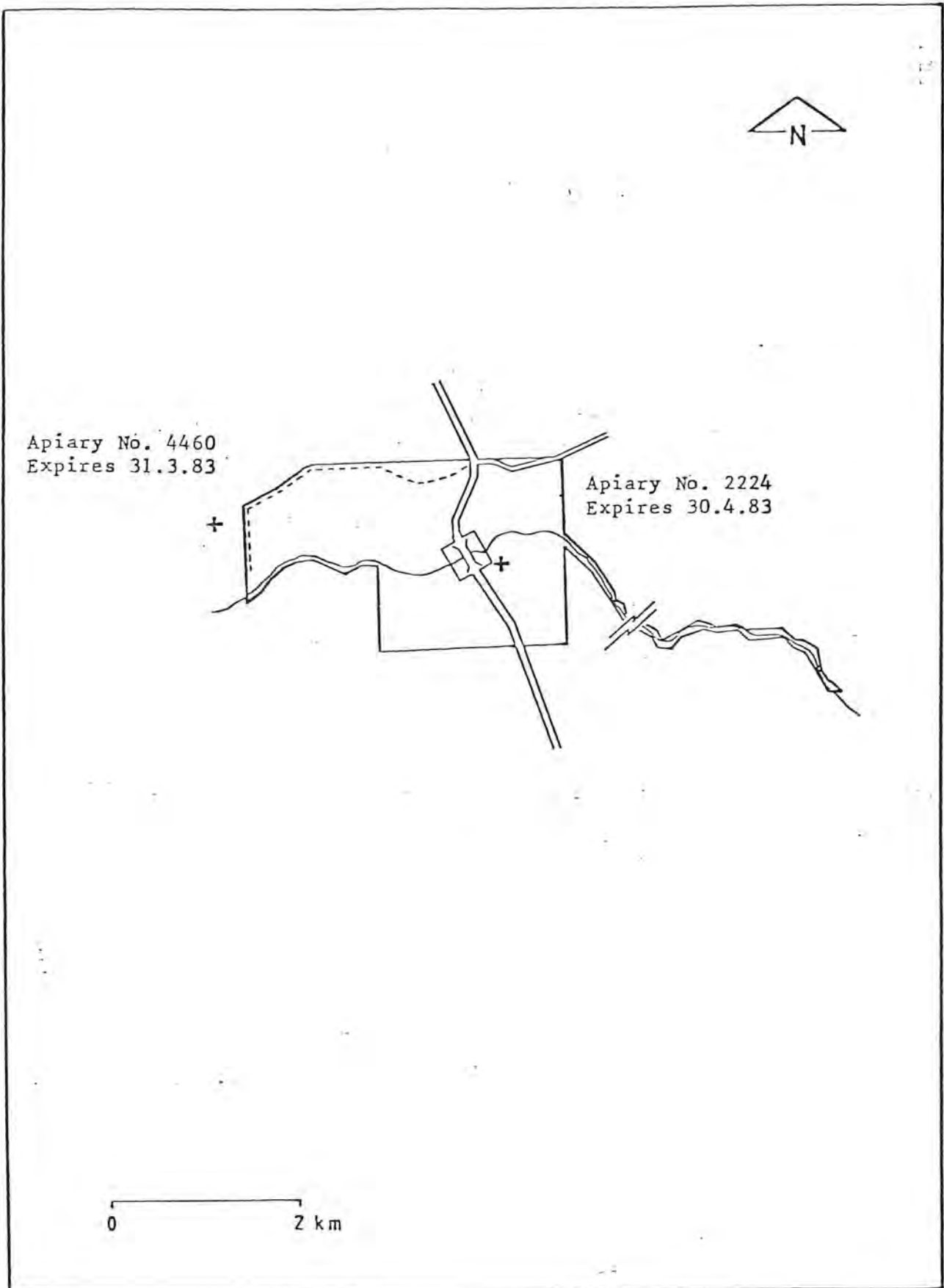
Litho: 62/80

1:50 000 1937-11

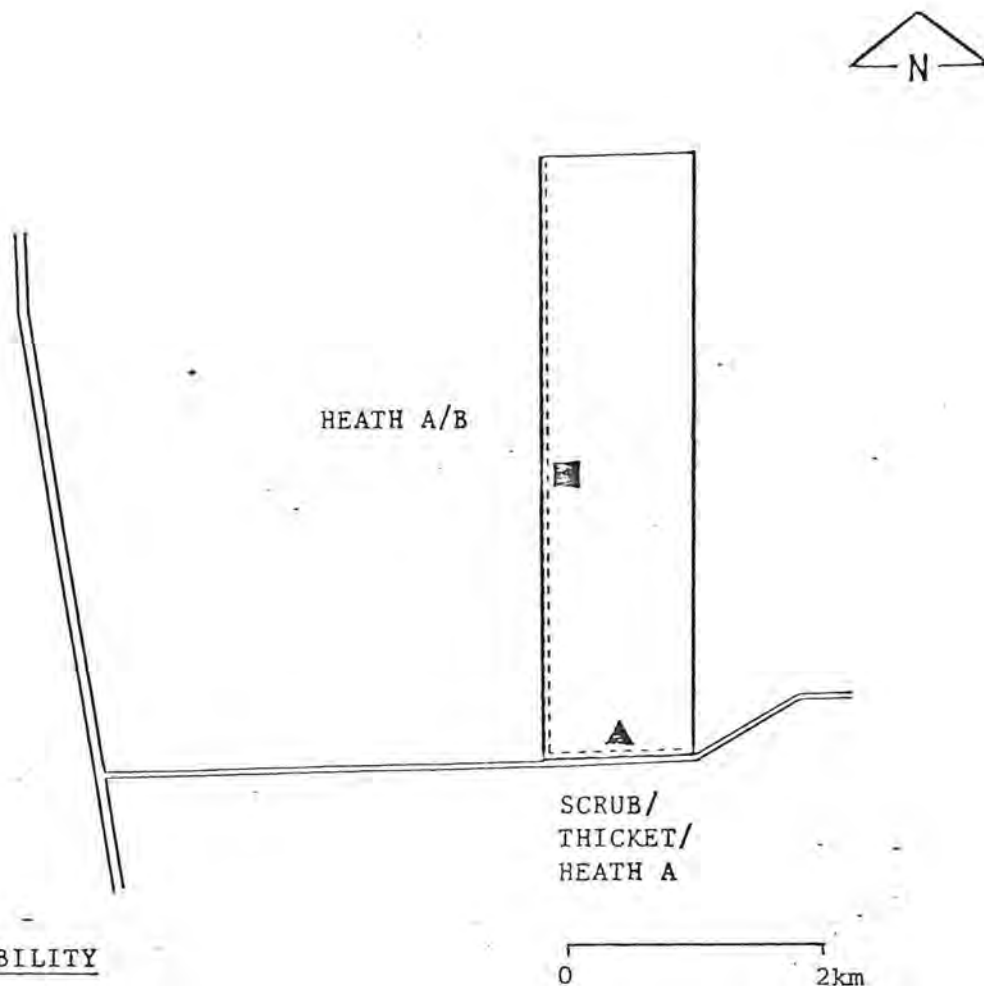
Cowalla 1937-III Boullanger and
Hill River

Location No: Melbourne and Victoria (un-numbered locations)

One apiary site exists at present on the reserve (Permit No. 2224). As it is not adjacent to a formed road or boundary track (page 40) its location contravenes Authority policy. Therefore, once the permit expires, it should not be renewed unless the site is relocated adjacent to a formed road or boundary track. Another apiary site is located outside the reserve within 3 kilometres of the western boundary, and any future allocation of sites on the reserve must take into account the position of this site.



Location of apiary sites on Hill River Nature Reserve.



SUITABILITY

▲ FAIR-access OK
-not seasonally wet
-understorey
occasionally dense

■ FAIR-access fair
-not seasonally wet
-understorey OK

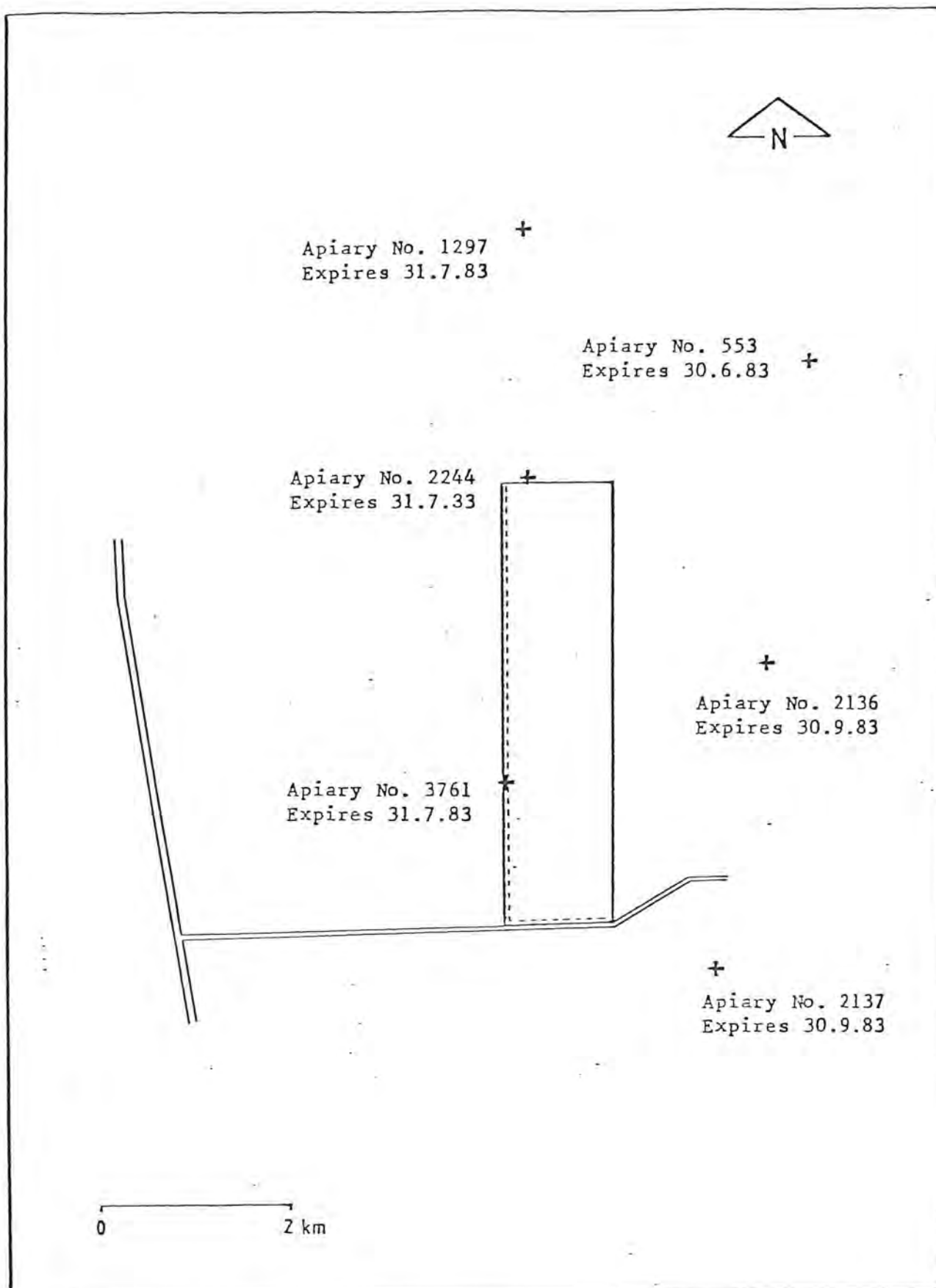
Reserve No. 36203 (unnamed)

Area: 608.2 ha
Shire: Irwin
Litho: 124/80
Location No: Victoria 3952

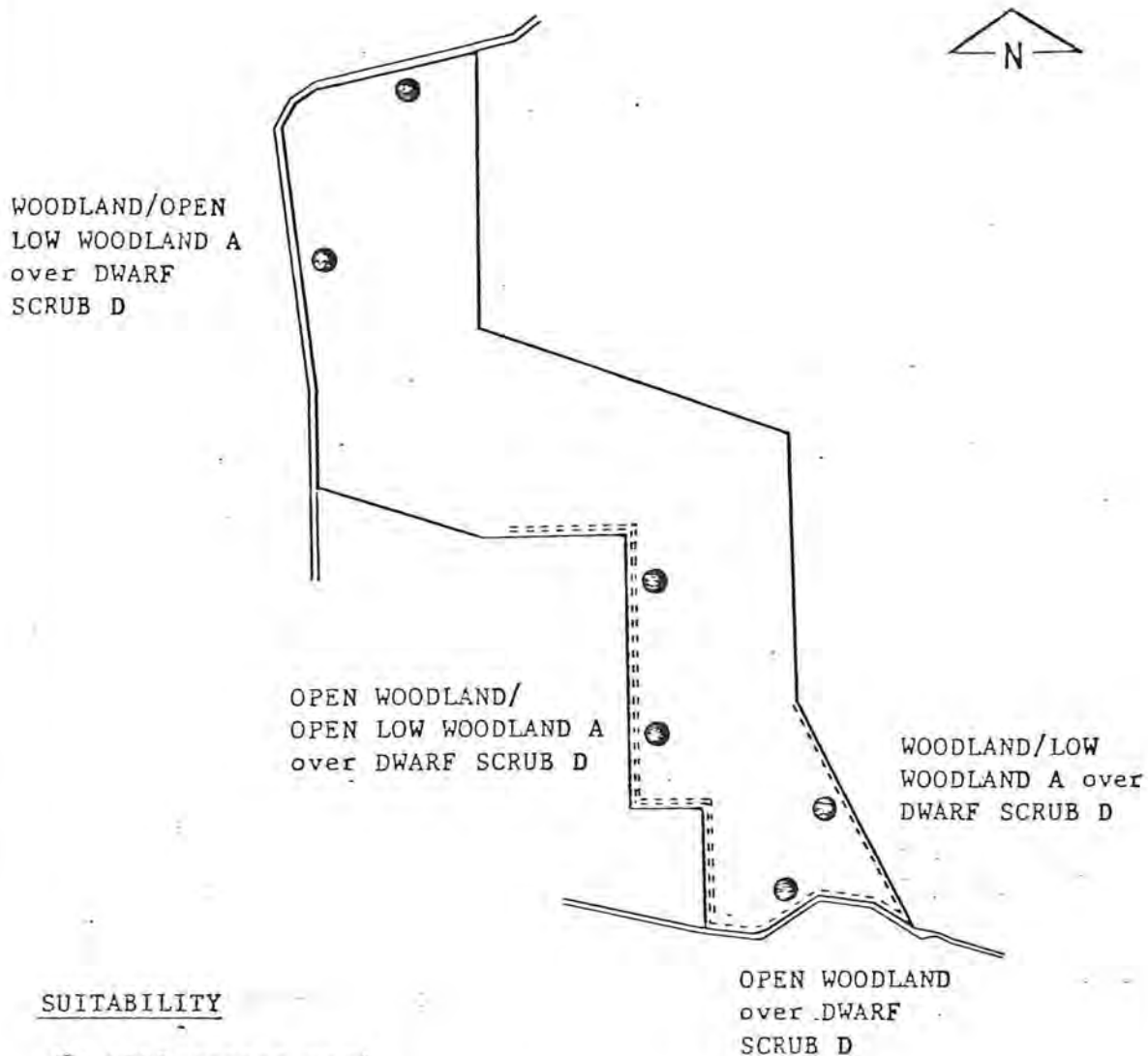
Following the proposed increases in the area of the Reserve, any tracks on the N and E boundaries will be classified as internal and therefore unsuitable for beekeeping.

One apiary site exists on the reserve at present and its position, permit number and permit expiry date are given

in Page 42. Its present location complies with WAWA policy. Two other apiary sites are located outside the reserve within a 3 kilometre radius of those parts of the nature reserve considered suitable for beekeeping, and any future allocation of sites on the reserve must take into consideration the position of these 2 sites.



Location of apiary sites on Reserve No. 36203.



SUITABILITY

- ⊗ GOOD-access good
 - little to no seasonal wetness
 - understorey OK

Reserve No. 37306

Area: 1307.4 ha

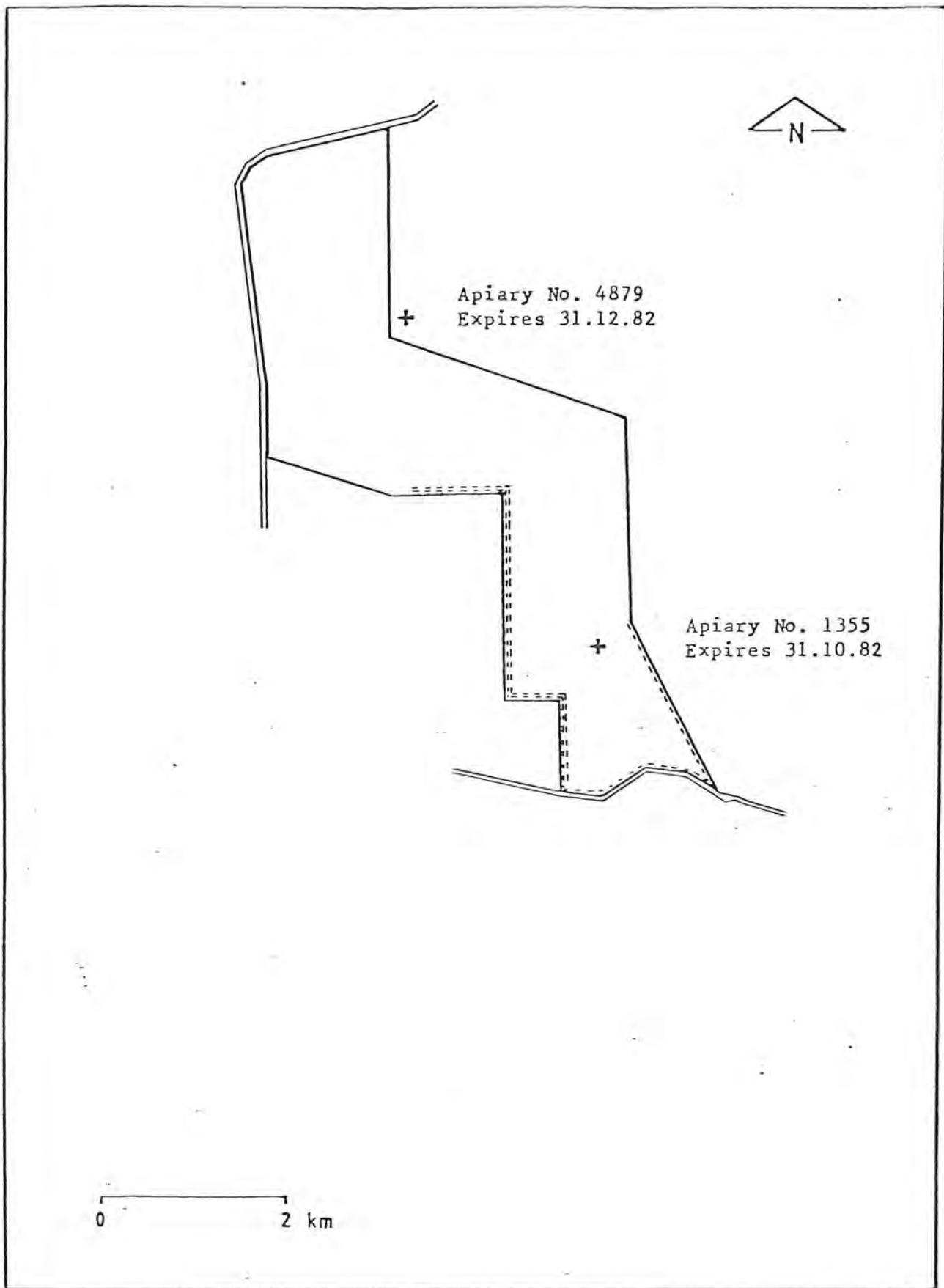
Shire: Beverley

Litho: 342/80

Location No: Avon 28697

Only 1 apiary site exists on the reserve at present; its location, permit number and permit expiry date are indicated in Page 44. The present location of the site contravenes WAWA policy, and once the permit expires it should not be renewed. The site can then be relocated on the reserve boundary and a permit re-issued.

One apiary site outside the reserve occurs within 3 kilometres of the reserve and as such its location should be taken into consideration before any future apiary sites are approved within the reserve boundaries.



Location of apiary sites on Reserve No. 37306.