

## WIRELESS HILL PARK, ARDROSS

**Boundary Definition:** protected area boundary

### **SECTION 1: LOCATION INFORMATION**

**Bush Forever Site no.** 336

**Area (ha):** bushland 35.2

**Map no.** 52

**Map sheet series ref. no.** 2033-I NW

**Other Names:** not known

**Local Authorities (Suburb):** City of Melville (Ardross, Alfred Cove)

**System 6 (1983):** M64 Part System area bushland, only bushland described

### **SECTION 2: REGIONAL INFORMATION**

#### **LANDFORMS AND SOILS**

##### **Spearwood Dunes**

Sands derived from Tamala Limestone (Qts: S7)

#### **VEGETATION AND FLORA**

##### **Vegetation Complexes**

###### **Bassendean Dunes**

Bassendean Complex — Central and South

###### **Spearwood Dunes**

Karrakatta Complex — Central and South

##### **Floristic Community Types**

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

28 Spearwood *Banksia attenuata* or *B. attenuata* — *Eucalyptus* woodlands

#### **WETLANDS**

No wetlands mapped

#### **THREATENED ECOLOGICAL COMMUNITIES**

Not assessed

### **SECTION 3: SPECIFIC SITE DETAIL**

**Landscape Features:** vegetated uplands

**Vegetation and Flora:** limited survey (DEP 1996 (Wire 01-02)); detailed survey (Smith, V, 1985b, Wildflower Society of WA (Inc.) Murdoch Branch 1995 D)

**Structural Units:** mapping (Smith, V, 1985b)

Uplands: *Eucalyptus calophylla* Woodland over *E. marginata*, *Banksia attenuata* and *B. menziesii* Low Woodland; *Xanthorrhoea preissii*, *Macrozamia riedlei* and *Stirlingia latifolia* Open Heath to Shrubland

**Scattered Native Plants:** not assessed

**Vegetation Condition:** >70% Very Good to Good, <30% Degraded, with areas of severe localised disturbance

**Total Flora:** 180 native taxa, 21 weed taxa (Wildflower Society of WA (Inc.) Murdoch Branch 1995 D) (estimated >90% expected flora)

**Significant Flora:** *Jacksonia sericea* (3); *Conospermum triplinervium*, *Astroloma macrocalyx*

**Fauna:** limited survey for reptiles (10 species) (Smith, V, 1985b). Significant reptile species: gecko (*Diplodactylus alboguttatus*)

**Linkage:** no adjacent bushland; part of Greenway 24, 82 (Tingay, Alan & Associates 1998a); part of a regionally significant potential bushland/wetland linkage (Part A, Map 7)

**Other Special Attributes:** National Trust of Australia (WA) Classification

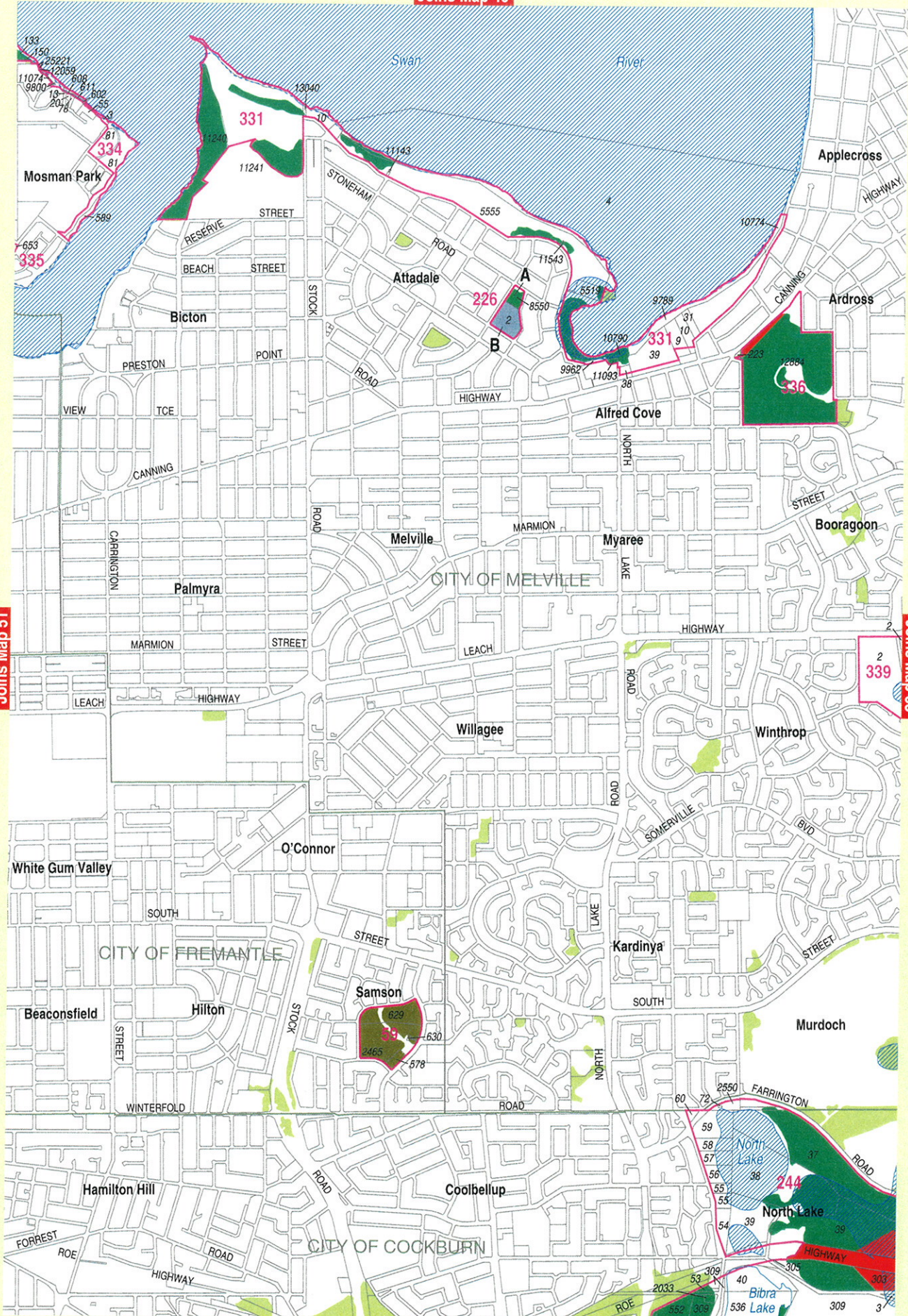
### **SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE**

Not listed

### **SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS**

**Criteria:** Representation of ecological communities, Rarity, Scientific or evolutionary importance, Criteria not relevant to determination of regional significance, but which may be applied when evaluating areas having similar values

**Recommendation:** Site with Some Existing Protection; the existing care, control and management of this Site is endorsed (see Table 3, Volume 1).



Joins Map 51

Joins Map 53

**WIRELESS HILL PARK, ARDROSS**

**Boundary Definition:** protected area boundary

**SECTION 1: CADASTRAL INFORMATION**

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

**Bushplan Site no.** 336    **Map no.** 61    **Map sheet series ref. no.** 2033-I NW

**System 6 (1983):** M64 Part System area bushland, only bushland described

**Other Names:** not known

**Local Authorities (Suburb)**

City of Melville (Ardross, Alfred Cove)

**Area (ha):** total 40.6; bushland 35.2

**Zoning**

**MRS:** Parks and Recreation, Urban, Other Major Highways

**TPS:** Landscape

**Ownership Categories**

Local Government, State Government

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

0, 223, 8404 Canning Hwy; 8534 Almondbury Rd  
Crown Reserve

**SECTION 2: REGIONAL INFORMATION**

**LANDFORMS AND SOILS**

**Spearwood Dunes**

Sands derived from Tamala Limestone (Qts: S7)

**VEGETATION AND FLORA**

**Vegetation Complexes**

**Bassendean Dunes**

Bassendean Complex — Central and South

**Spearwood Dunes**

Karrakatta Complex — Central and South

**Floristic Community Types**

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

28 Spearwood *Banksia attenuata* or *B. attenuata* — *Eucalyptus* woodlands

**WETLANDS**

No wetlands mapped

**THREATENED ECOLOGICAL COMMUNITIES**

Not assessed

**SECTION 3: SPECIFIC SITE DETAIL**

**Landscape Features:** vegetated uplands

**Vegetation and Flora:** detailed survey (Smith, V, 1985b, Wildflower Society of WA (Inc.) Murdoch Branch 1995D); limited survey (DEP 1996 (Wire 01-02))

**Structural Units:** mapping (Smith, V 1985b)

Uplands: *Eucalyptus calophylla* Woodland over *E. marginata*, *Banksia attenuata* and *B. menziesii* Low Woodland; *Xanthorrhoea preissii*, *Macrozamia riedlei* and *Stirlingia latifolia* Open Heath to Shrubland

**Scattered Native Plants:** not assessed

**Vegetation Condition:** >70% Very Good to Good, <30% Degraded, with areas of severe localised disturbance

**Total Flora:** 180 native taxa, 21 weeds (Wildflower Society of WA (Inc.), Murdoch Branch 1995D) (estimated >90% expected flora)

**Significant Flora:** *Jacksonia sericea* (3); *Conospermum triplinervium*, *Astroloma macrocalyx*

**Fauna:** limited survey by Smith, V, 1985b for reptiles (10). Significant reptile species: a gecko (*Diplodactylus alboguttatus*)

**Linkage:** no adjacent bushland; part of proposed Greenway 97 (Tingay, Alan & Associates 1997a); part of a regionally significant potential bushland/wetland linkage (Volume 2A, Map 8)

**Other Special Attributes:** National Trust of Australia (WA) Classification

**SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE**

Not listed

**SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS**

**Criteria:** Representation of ecological communities, Rarity, Scientific or evolutionary importance, Criteria not relevant to determination of conservation value, but which may be applied when evaluating areas having similar values

**Opportunities and/or Constraints**

Opportunities: Bushplan Site/part Bushplan Site under MRS Parks and Recreation Reservation and TPS Landscape Zoning, Crown Reserve

Constraints: under MRS Urban Zoning, MRD regional road requirements

**Recommendation:** The existing purpose, care, control and management of this reserve is endorsed.

**Opportunities and/or Constraints**

Opportunities: Bushplan Site/part Bushplan Site location of Scheduled Fauna; under TPS Open Space Zoning, Crown Reserve

Constraints: under MRS Urban Zoning

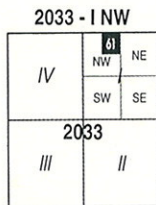
**Recommendation:** The existing care, control and management intent of the reserve is endorsed. Long-term security and support for conservation management of the Bushplan Site be enhanced by: amending the purpose of the reserve to include conservation; and applying appropriate mechanisms in consultation with the reserve management body.





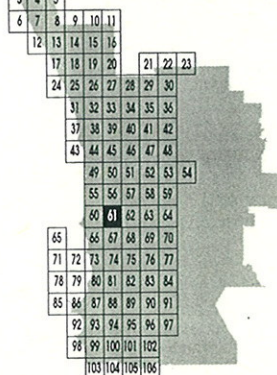
**LEGEND**

-  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



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

**PERTH'S BUSHPLAN MAP INDEX**



**SCALE**  
0 500 1000  
Metres

Produced by Project Mapping Section  
Land Information Branch, Ministry for  
Planning, Perth W.A. November 1998  
ntw-map18/environ/bushplan/bushv2\_61.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

336

Not sure  
of status  
of additional  
bushland  
areas <sup>nearby</sup>  
check

336

3

No.  
of  
bush  
are

BUSHPLAN SITES CORRECTED



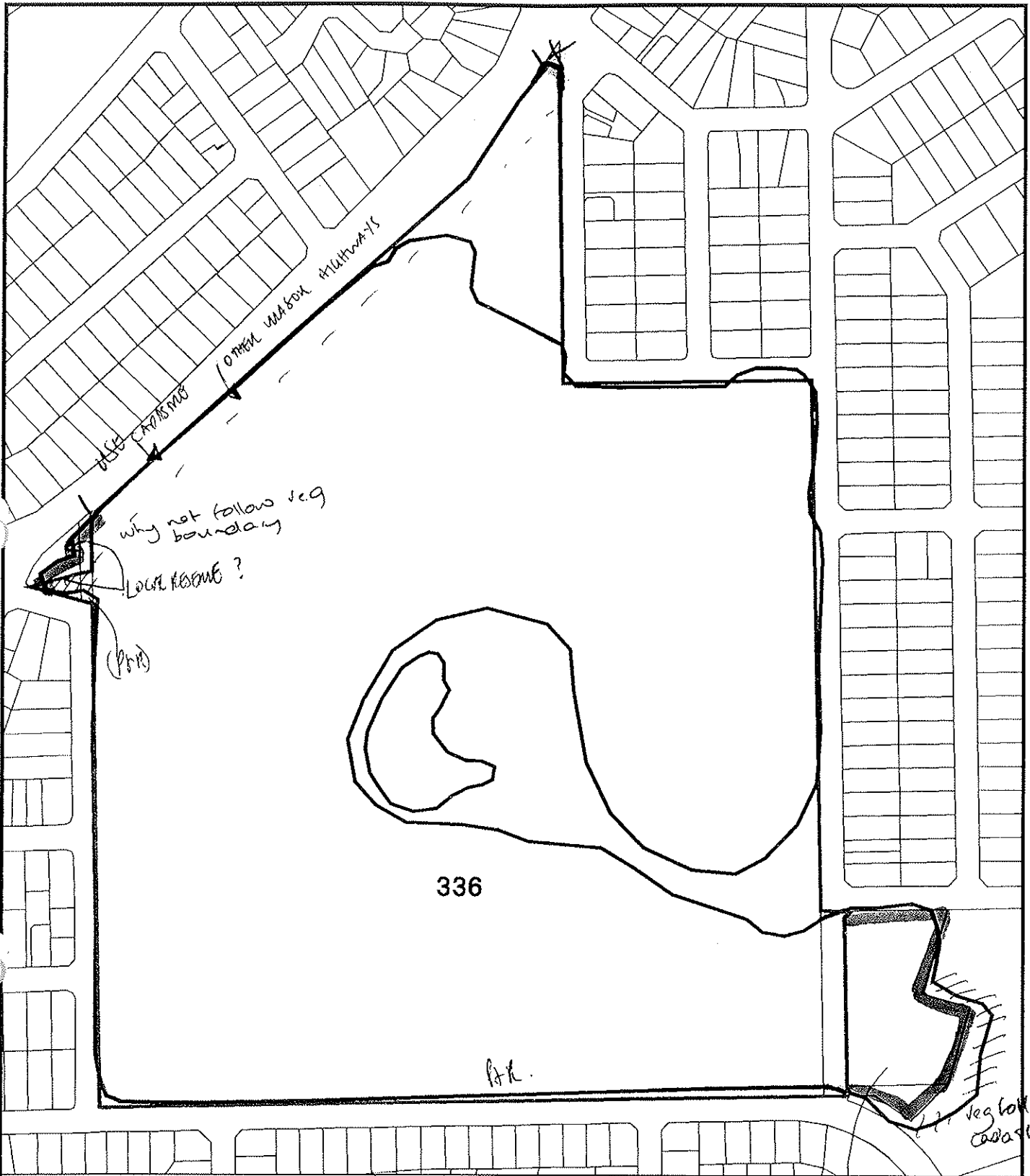
WESTERN  
AUSTRALIAN  
PLANNING  
COMMISSION



CUSTOMER  
FOCUS  
WESTERN AUSTRALIA

B bk/76 22/10/98





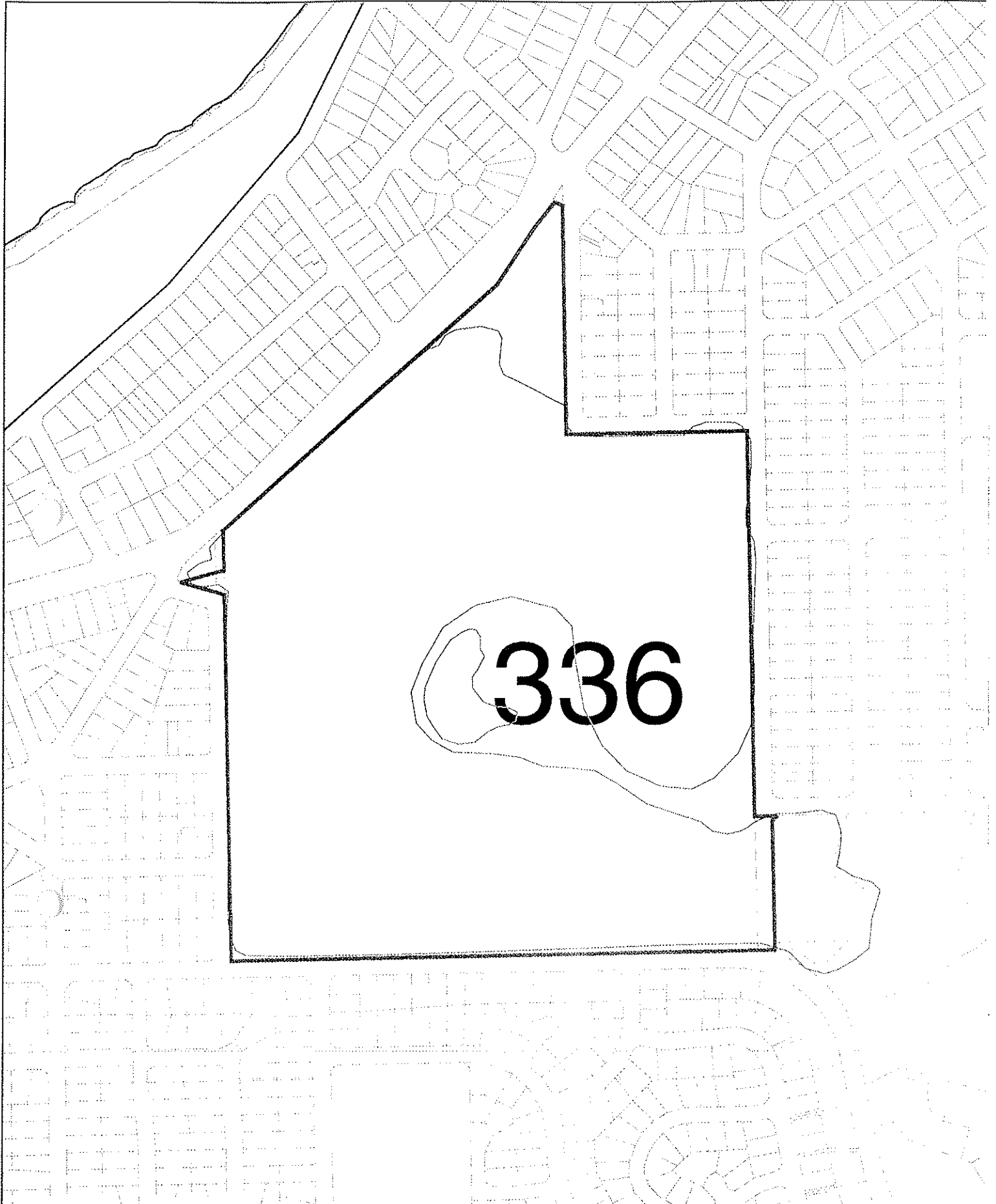
**bp site 336**

- AG VEG 1998 BOUNDARY THEME
- Cadastral
- Bushplan sites refno 1-500 SCP BOUNDARY THEME

MT  
29/9

is not part of council property  
can we include?

MFP INTERNAL USE ONLY  
 Prepared By: Andrea Zappacosta  
 Prepared For:  
 Map Ident: plot980529\_1  
 Date: 29 May 98  
 Scale 1:4633



**BUSHPLAN SITES CORRECTED**



**WESTERN  
AUSTRALIAN  
PLANNING  
COMMISSION**



Boundary should  
include backland next  
to Council Chambers

BJK 22/6/97



**M64 Wireless Hill Park, Address**

City of Melville Management Plan

Friends Advocate Management

Other Names:

Specific Study/studies Miscellaneous studies

Flora

Vegetation Map 1 2 3

Flora list ① 2 3 4

Significant Taxa done / suitable / doubtful

Fauna *planned 1994 - Museum*  
 Mammals 1 ②  
 Birds 1 ③ RAOU  
 Reptiles and Amphibia 1 ④  
 Invertebrates 1 2

Vegetation Condition Map Sites Comment

Disturbance Factors Comment Management

Swan Coastal Plain Floristic Survey

AHC: National Estate- Listed / Interim / Nominated / Notified NT (WA): Heritage Classification

Notes
<i>Murdock Branch Wildflower Society</i>
<i>Friends of Wireless Hill</i>
<i>Mark Street - Council</i>

M64 Wireless Hill Park, Ardross City of Melville Management Plan		
M64.1 Melville City Council prepare management plan for Reserve A29813 in consultation with EPA	Implemented	The local authority has a management plan. Friends of Wireless Hill has an interest in this area.

PB

Mark Street



Please circle the appropriate response or respond in the space provided.

Area M/64 Name	<u>Wireless Hill</u>
Title	<u>Management Plan</u>
Published/Unpublished	Date <u>1985</u>
Author/s	<u>Vanessa Smith</u>
Location of Publication	
Purpose (why was the report prepared?)	
Government	
Corporate	
Community Group	
Management Plan	

Soils			
Units	mapped	described	referenced

Landscape	
Features	described      referenced

Flora	
Vegetation Map	
Units	Site based (no)
Mapped	
Veg Units	Comparable Heddle <i>et al</i> Compared Heddle <i>et al</i> Unit not mapped by Heddle <i>et al</i> .
Flora list	
Timing	%completion      Significant Taxa
	Trees   Shrubs   Herbs   Sedges      Weeds      DRF   CALM Priority   Other

Fauna	
Timing	%completion      Significant Taxa
	<u>Mammals</u> <u>Birds</u> Sched1   Sched2   Other
	<u>Reptiles</u> Invertebrates

Vegetation Condition	
Site based	Mapped      Units

Disturbance Factors	
Phytophthora	observed      Other      incidental
	tested      itemised

Notes	



AREA INFORMATION

System 6 Area (C or M) or Update Area (Update) *MEC*

Conservation Area	<i>Woolless Ki Bush, Ardross</i>
Nature Reserve	
Reserve No	
National Park	
Reserve No	
Local Government	
Reserve No	
Other	
Proposed Conservation Areas	
Local Government	
Reserve No	
Other	

Conservation Area

Nature Reserve	
Reserve No	
National Park	
Reserve No	
Local Government	
Reserve No	
Other	

AREA

Total Area	hectares
Completely Degraded	hectares
comments:	

AREA MAPPED FLORISTIC UNITS

Boundaries: System6 CALM

Units	Site (Condition)	Code	Bound	Area (ha)	Area(ha)

Boundaries determined by use of

aerial photograph
orthophoto
vegetation map
soil map



FAMILY	GENUS	SPECIES	INFRA	J	F	M	A	M	J	J	A	S	O	N	D
Epacridaceae	1	Leucopogon	propinquus												
Epacridaceae	2	Leucopogon	racemulosus												
Euphorbiaceae	3	Monotaxis	grandiflora									x	x	x	
Euphorbiaceae	120	Phyllanthus	calycinus									x	x	x	
Geraniaceae	1	Pelargonium	capitatum									x	x	x	
Goodeniaceae	2	Dampiera	linearis	x	x						x	x	x	x	x
Goodeniaceae	3	Lechenaultia	floribunda	x									x	x	x
Goodeniaceae	4	Scaevola	canescens					x	x	x	x	x	x	x	
Goodeniaceae	5	Scaevola	paludosa												
Haemodoraceae	6	Anigozanthos	humilis									x	x	x	x
Haemodoraceae	7	Anigozanthos	mandlesii									x	x	x	x
Haemodoraceae	8	Conostylis	aculeata									x	x	x	
Haemodoraceae	9	Conostylis	aurea											x	
Haemodoraceae	130	Conostylis	juncea									x	x		
Haemodoraceae	1	Conostylis	setigera									x	x	x	
Haemodoraceae	2	Haemodorum	laxum											x	x
Haemodoraceae	3	Haemodorum	spicatum											x	x
Haemodoraceae	4	Phlebocarya	ciliata										x	x	
Haemodoraceae	5	Phlebocarya	filifolia												
Hyacinthaceae	*	Lachenalia	reflexa												
Iridaceae	*	Gladiolus	caryophyllaceus												
Iridaceae	6	Patersonia	occidentalis										x	x	x
Iridaceae	*	Romulea	rosea												
Iridaceae	*	Watsonia	bulbillifera												
Lamiaceae	7	Hemiandra	pungens										x	x	x
Lamiaceae	8	Isotoma	hypocrateriformis												
Lobeliaceae	9	Lobelia	qibbosa												
Lobeliaceae	140	Lobelia	tenuior												
Loranthaceae	1	Nuytsia	floribunda	x										x	x
Mimosaceae	2	Acacia	huegelii												
Mimosaceae	3	Acacia	pulchella										x	x	x
Mimosaceae	4	Acacia	saligna											x	x
Mimosaceae	5	Acacia	sessilis												
Mimosaceae	6	Acacia	stenoptera												
Mimosaceae	7	Acacia	willdenowiana												
Molluginaceae	8	Macarthuria	australis										x	x	x
Myrtaceae	9	Baeckea	camphorosmae	x	x										x
Myrtaceae	150	Calytrix	flavescens	x	x										x
Myrtaceae	1	Calytrix	fraseri	x	x	x	x	x	x	x					x
Myrtaceae	2	Chamelaucium	uncinatum										x	x	x
Myrtaceae	3	Eremaea	pauciflora												x
Myrtaceae	4	Eucalyptus	calophylla	x	x	x									x
Myrtaceae	5	Eucalyptus	marginata											x	x
Myrtaceae	6	Hypocalymma	robustum										x	x	x
Myrtaceae	7	Melaleuca	scabra	x	x										x
Myrtaceae	8	Regelia	inops	x	x									x	x
Myrtaceae	9	Scholtzia	involuta	x	x										x
Myrtaceae	160	Verticordia	densiflora											x	x
Orchidaceae	1	Burnettia	nigricans											x	x
Orchidaceae	2	Caladenia	arenicola											x	x
Orchidaceae	3	Caladenia	discoidea												x
Orchidaceae	4	Caladenia	flava										x	x	x
Orchidaceae	5	Caladenia	gemmata											x	x
Orchidaceae	6	Caladenia	latifolia											x	x
Orchidaceae	7	Caladenia	longicauda											x	x
Orchidaceae	8	Cyanicula	deformis											x	x
Orchidaceae	9	Diuris	magnifica											x	x
Orchidaceae	170	Eriochilus	dilatatus										x	x	
Orchidaceae	1	Lyperanthus	serratus											x	x
Orchidaceae	2	Microtis	unifolia												
Orchidaceae	3	Prasophyllum	hians											x	x
Orchidaceae	4	Prasophyllum	parvifolium											x	x
Orchidaceae	5	Pterostylis	aff. sanguinea											x	x
Orchidaceae	6	Pterostylis	recurva												
Orobanchaceae	*	Orobanche	minor												
Oxalidaceae	*	Oxalis	glabra												
Oxalidaceae	*	Oxalis	pes-caprae												
Papilionaceae	8	Bossiaea	eriocarpa											x	x
Papilionaceae	9	Daviesia	decurrens												
Papilionaceae	180	Daviesia	divaricata											x	x

180 native

21 weeds



-3-

G) Site No. 245 Ken Hurst Park, Leeming

- The total area of Ken Hurst Park is within the City of Melville and not partly within Cockburn as stated in the Bushplan report.
- The site is owned in fee simple by the City of Melville.
- In the current Metropolitan Region Scheme Amendment (Omnibus No. 4) the site is proposed for private recreation.
- In the proposed Community Planning Scheme No. 5 the site is zoned for a 'DP Precinct' for conservation and recreation.
- The Bushplan recommendation is not conclusive as it suggests the 'appropriate mechanisms' be developed during the public comment period with the land owner. Ie. City of Melville.
- The significance of the reserve for conservation purposes would appear to hinge on the significance of a flora and fauna study undertaken in the early 1990's. This study needs to be 're visited' as the site known to have flora and fauna of conservation significance.
- The preparation of a 'Concept Plan' by the City of Melville scheduled for August 1999 will resolve a number of these issues.

H) Site No. 246 Harry Sandon Park, Attadale

- The site is largely intact Bushplan. The northern part of the Site Reserve No. 8550 is an existing conservation reserve with a children's playground. The southern part of the site is a local open space reserve for nature conservation 'c' in Community Planning Scheme No. 5. The total site will be a conservation reserve when Community Planning Scheme No. 5 is gazetted.

I) Site No. 246 Wireless Hill Park, Ardross

- A landscape concept plan has been endorsed for the total site. The City of Melville is now preparing a management plan for the bush land. It is suggested the regional reservation be altered from parks and recreation reserve to a conservation and recreation reserve.

Should you wish to discuss Council's advise on Environmental matters please contact Steve Caviccholo on 9364 0650 and on Planning matters please contact Stuart Cramond on 9364 0684.

Yours sincerely



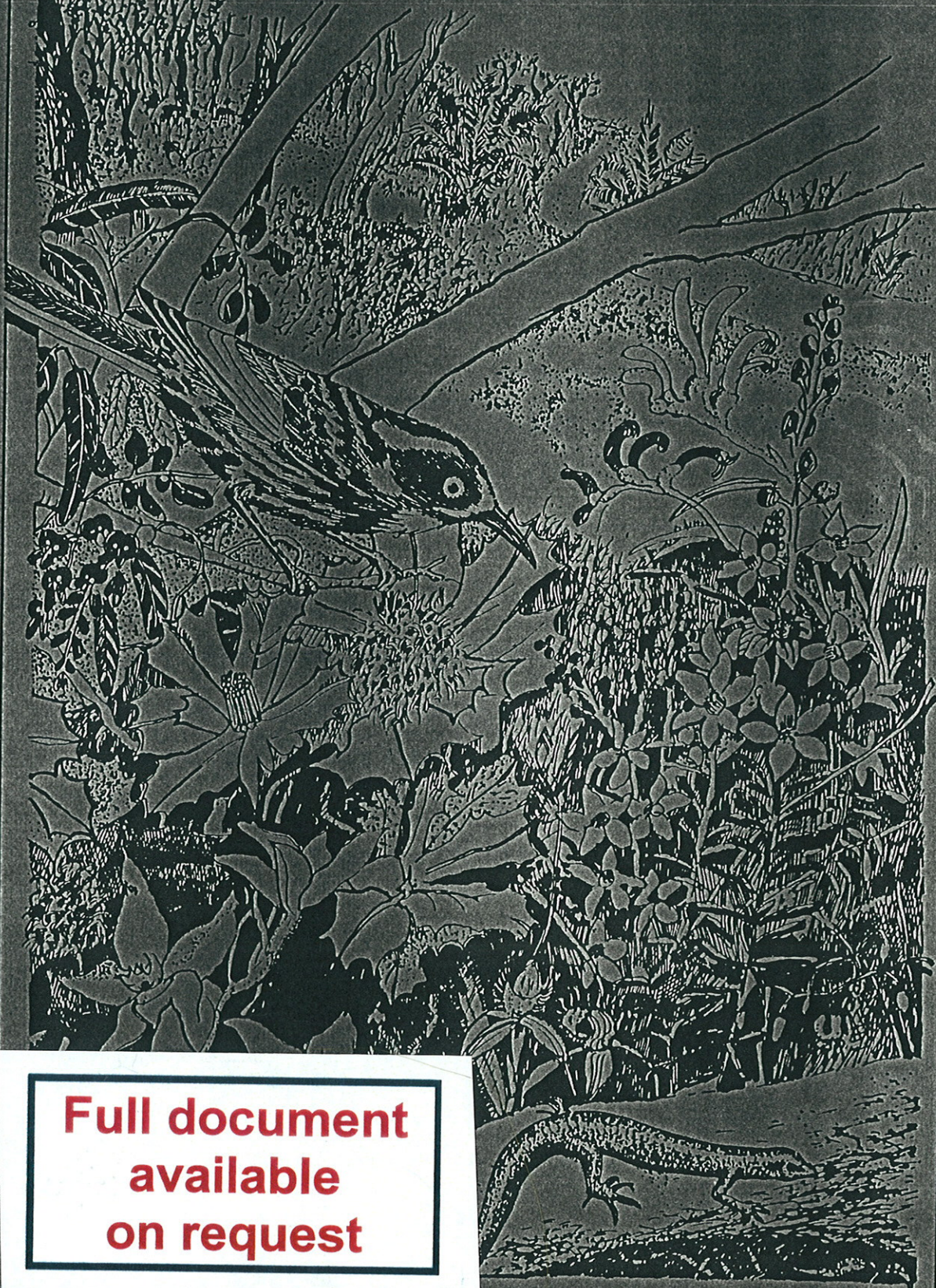
**JAMES P BLITZ**  
**MANAGER**  
**PLANNING AND DEVELOPMENT SERVICES**





City of Melville

# WIRELESS HILL PARK MANAGEMENT PLAN



**Full document  
available  
on request**



WIRE  $\phi$ 1