

POLINELLI ROAD BUSHLAND, BULLSBROOK

Boundary Definition: bushland (part taken to cadastre) boundary (PMR boundary to north)

SECTION 1: LOCATION INFORMATION

Bush Forever Site no. 79

Area (ha): bushland 45.5

Map no. 18

Map sheet series ref. no. 2134-IV NW

Other Names: not known

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

SECTION 2: REGIONAL INFORMATION

LANDFORMS AND SOILS

Dandaragan Plateau/Gingin Scarp

Laterite (Ql: G2, LA1)

Foothills

Colluvial Sand (Qs: S6)

VEGETATION AND FLORA

Vegetation Complexes

Plateaus

Mogumber Complex — South (Dandaragan Plateau)

Scarps

Reagan Complex (Dandaragan Plateau)

Floristic Community Types: not sampled, types not inferred

WETLANDS

Wetland Types: creek

Natural Wetland Groups (undefined areas included in boundary)

Dandaragan Plateau

Red Gully (Dp.1)

Wetland Management Objectives: Resource Enhancement, Multiple Use

Swan Coastal Plain Lakes EPP: none identified

THREATENED ECOLOGICAL COMMUNITIES

Not determined

SECTION 3: SPECIFIC SITE DETAIL

Landscape Features: creek, vegetated uplands

Vegetation and Flora: not field-surveyed (aerial photography interpretation only)

Structural Units

Uplands: *Eucalyptus accedens* or *E. wandoo* Woodland; *Eucalyptus marginata* Woodland to Open Forest

Wetlands: not known

Vegetation Condition: >90% Excellent to Very Good, <10% Good to Degraded, with areas of severe localised disturbance

Total Flora: not known

Significant Flora: none recorded

Fauna: not known

Linkage: adjacent bushland to north outside PMR; part of a regionally significant fragmented bushland/wetland linkage (Part A, Map 7)

SECTION 4: INTERNATIONAL AND NATIONAL SIGNIFICANCE

Not listed

SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities

Recommendation: Part A: Basic Raw Materials Negotiated Planning Solution; Part B: Rural Complementary Mechanism (see Table 3, Volume 1).

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SECTION 1: CADASTRAL INFORMATION

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

Bushplan Site no. 79 **Map no.** 22 **Map sheet series ref. no.** 2134-IV NW

Other Names: not known

Area (ha): total 45.5; bushland 45.5

Local Authorities (Suburb)

Zoning

Shire of Swan (Bullsbrook)

MRS: Rural

TPS: General Rural, Landscape

Ownership Categories

Lot/Location/Reserve numbers (Purpose),

Private (commercial organisation)

Street name

22, 23 Jenkins Rd

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SECTION 5: SELECTION CRITERIA AND RECOMMENDATIONS

Criteria: Representation of ecological communities

Opportunities and/or Constraints

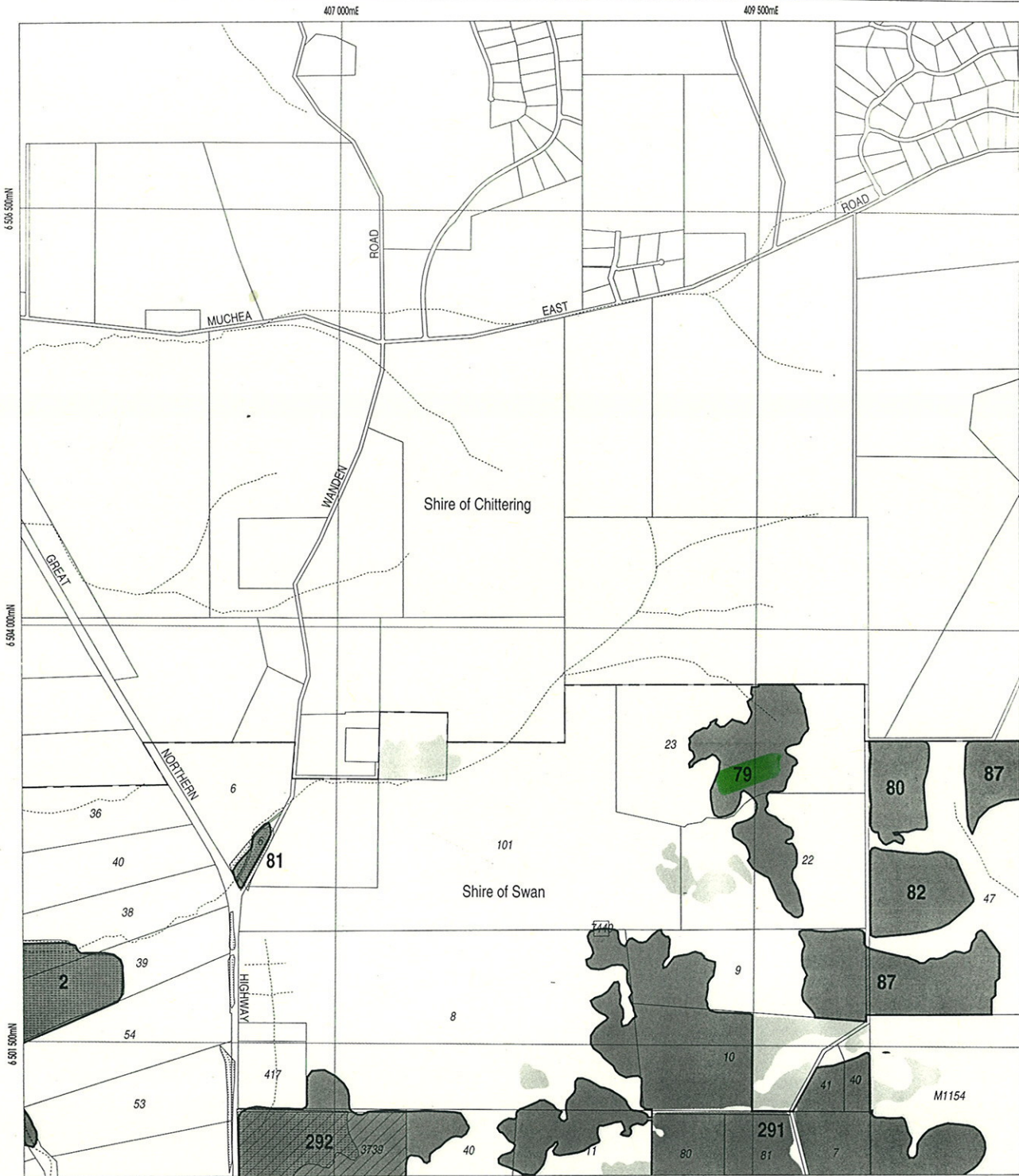
Opportunities: Bushplan Site/part Bushplan Site subject to Swan and Canning Rivers EPP; under TPS

Landscape Zoning

Constraints: private land; under General Mineral Resource Area (clay)

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).

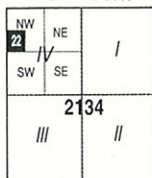




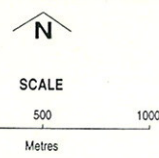
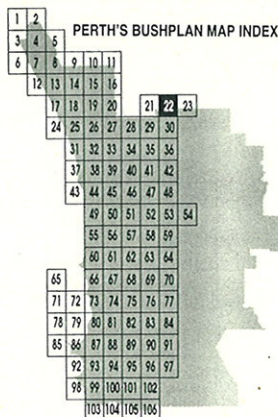
LEGEND

- 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

2134 - IV NW



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



Produced by Project Mapping Section
Land Information Branch, Ministry for
Planning, Perth W.A. November 1998
ntw-map7/environ/bushplan/bushv2_22.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

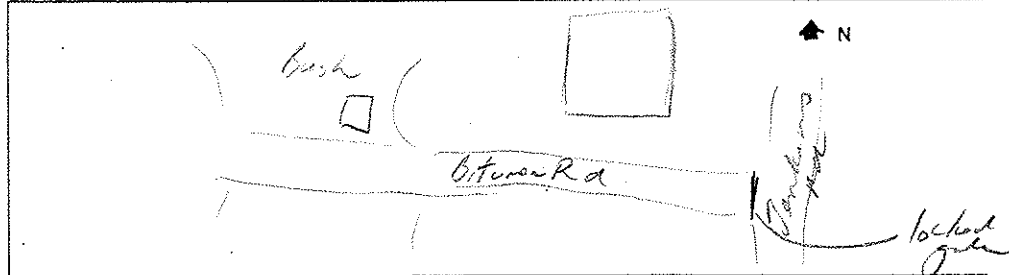
BUSHLAND PLANT SURVEY RECORDING SHEET 1- use pencil only

BUSHLAND AREA BS 79 SITE NUMBER L072301
 DATE TRIP 23/11/01 RECORDERS SMY, BJK
 DATE TRIP _____ RECORDERS _____
 DATE TRIP _____ RECORDERS _____
 BOTANIST _____

1. LOCATION of the QUADRAT

From 'Bushland Plant Survey' written
 B. Keighery (1994) and published by
 Wildflower Society of WA (Inc.), PO 1
 64 Nedlands WA 6008.

Mud Map Draw a sketch of the location of the site below.

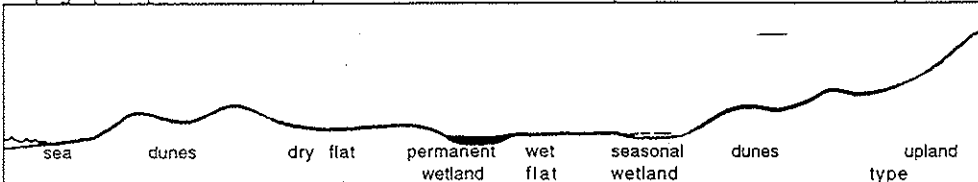


Road Location

Geographic Location Latitude _____ S Longitude _____ E Altitude 229
 Reference Map 049752 6503202

Photograph _____ Photographer's Name Sally Mellan Photo No 2 DEP 57 MAP

Topographic position Circle position of site on the transect (alter the transect if necessary)



2. SITE DATA Circle the correct response.

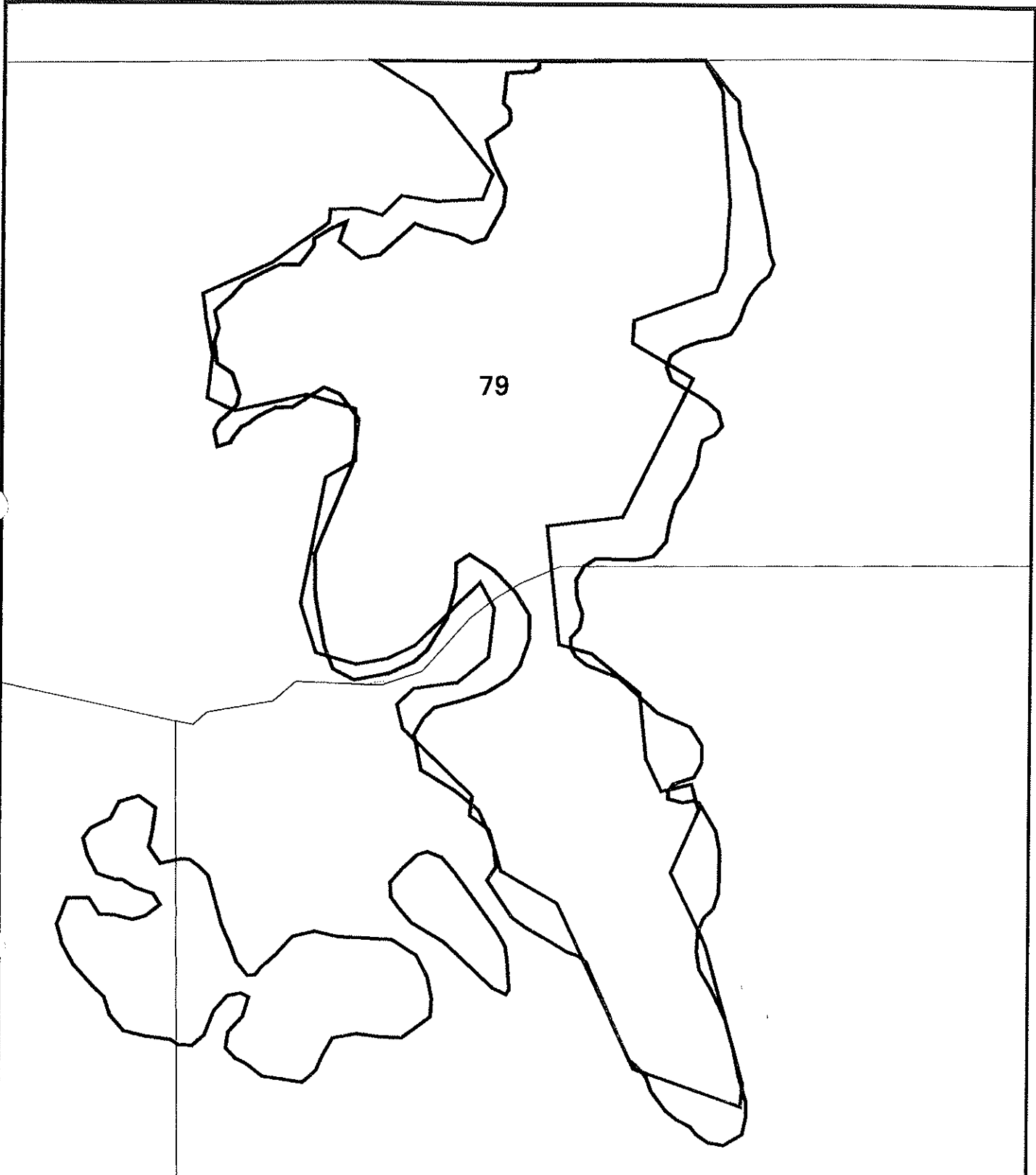
Slope flat gentle steep Aspect N NE E SE S SW W NW
 Surface Soil sand Colour grey
 Exposed rock type Takrite 50% surface smooth
 Sub-surface Soil _____ Colour _____
 Rock type Takrite depth to rock _____
 Drainage well mod poor depth water _____ cm Wet all year winter/spring
 Litter _____ 80% cover _____ Bare Ground _____ / %cover
 Depth _____ cm

LIFE FORM	TREES			MALLEES	
	over 30m	10 - 30m	under 10m	over 8m	under 8m
COVER CLASS (%)		<u>30-70%</u>			
DOMINANT SPECIES		<u>Ell. mcs</u>			
LIFE FORM	SHRUBS over 2m		2m - 1m	SHRUBS under 1m	
COVER CLASS (%)			<u>10-30</u>	<u>10-30%</u>	
DOMINANT SPECIES			<u>Lamb eart</u> <u>Xant ptes</u>	<u>Wbb hyp</u>	
LIFE FORM	GRASSES	HERBS	SEDGES	OTHER	
COVER CLASS (%)		<u>2-10%</u>	<u>2-15%</u>		
DOMINANT SPECIES			<u>Lopid dry</u>		

4. VEGETATION CONDITION (show range & indicate predominant class)

1 'PRISTINE'	2 EXCELLENT	3 VERY GOOD	4 GOOD	5 DEGRADED	6 Completely Degraded	COMMENTS
						Specific aspects of disturbance <u>partial clearing</u>
						weeds (list):
						selective removal of species: timber cutting mowing fire grazing dieback %area
						fire frequency:
						'enrichment plantings' (list)
						animal impact: horse foxes rabbits cats dogs goats pigs overgrazing by native mammals
						soil movement: mining dumping rubbish dumping roadworks
						changes in water regimes: flooding drainage watering nutrient influx
						Tracks: fire breaks walk trails off road vehicle use animal tracks
						Service corridors: SEC Main Roads Water Authority Telecom
						Other

Scale from Keighery (1994)



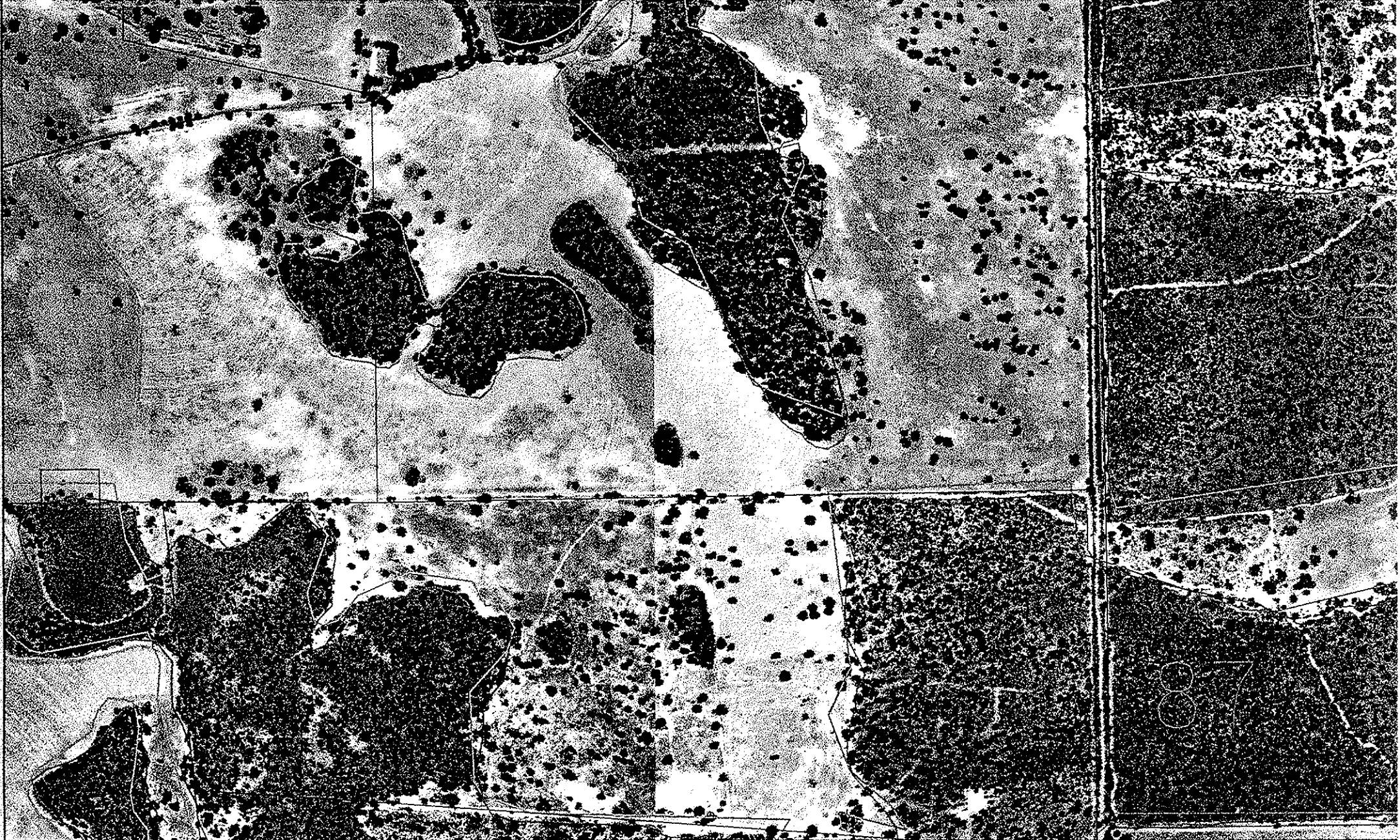
bp site 79

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

MFP INTERNAL USE ONLY
 Prepared By: Andrea Zappacosta
 Prepared For:
 Map Ident: plot980709_2
 Date: 09 Jul 98
 Scale 1:7051

OK BTK 24/8

DEB - CHECK PLOT See this comment
 23/9



LEGEND



PLANNING
DIVISION
Ministry for Planning

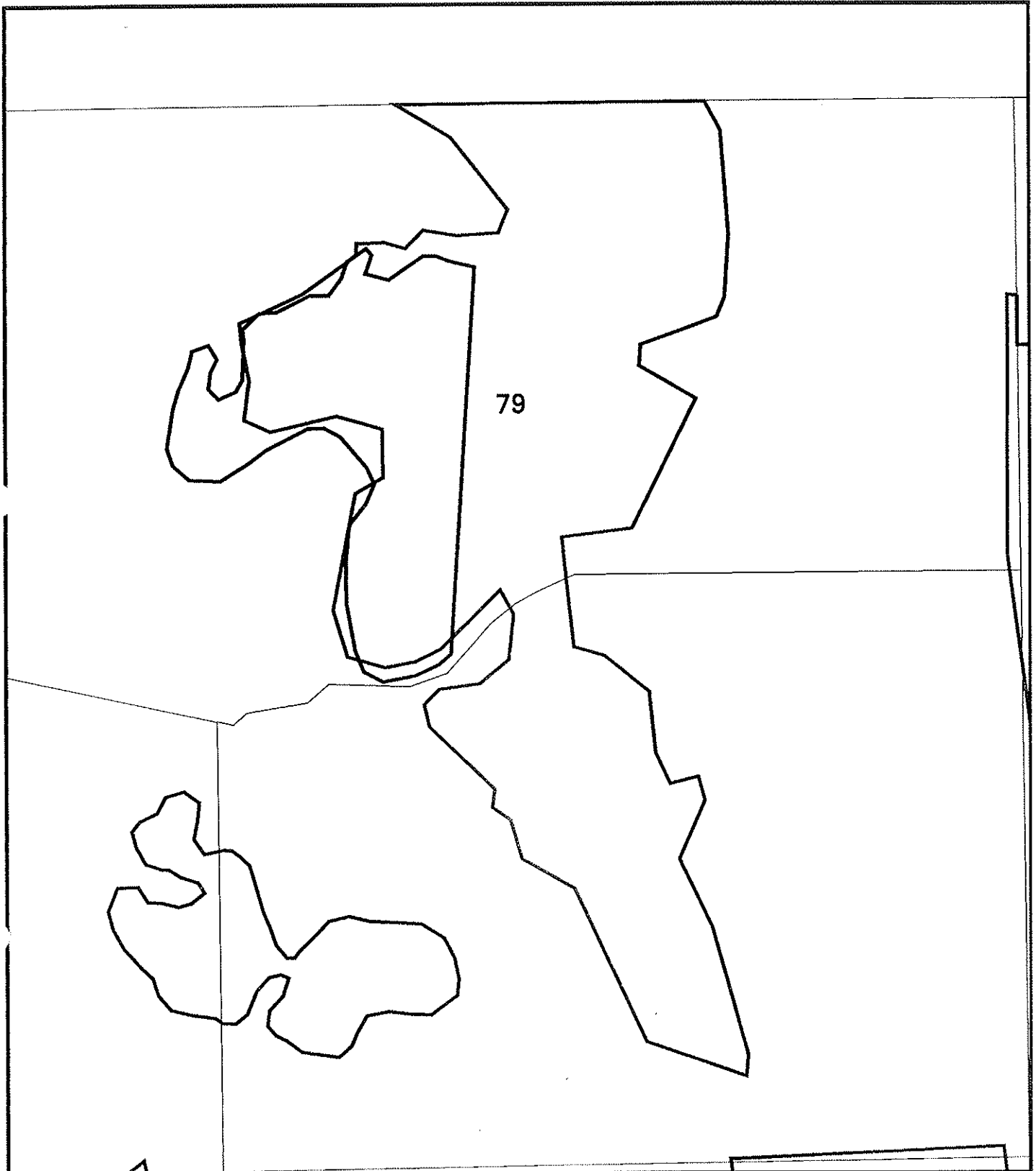


SCALE 1:7500



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AERIAL PHOTOGRAPHY - ORTHO-RECTIFIED
ORIGINAL PHOTOGRAPHY - JANUARY 1997 SCALE 1:20000
POSITIONAL ACCURACY + or - 10 metres



bp site 79

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

REVIEW UNDER REVIEW

MFP INTERNAL USE ONLY

Prepared By: Andrea Zappacosta

Prepared For:

Map Id: plot980522_1

Date: 22 May 98

Scale 1:7516

NORTH - EAST OF 3841 (14/5164) CD3.

These differences must relate to boundaries, veg is clearly new



LEGEND



PLANNING
Department of Planning
Ministry for Planning

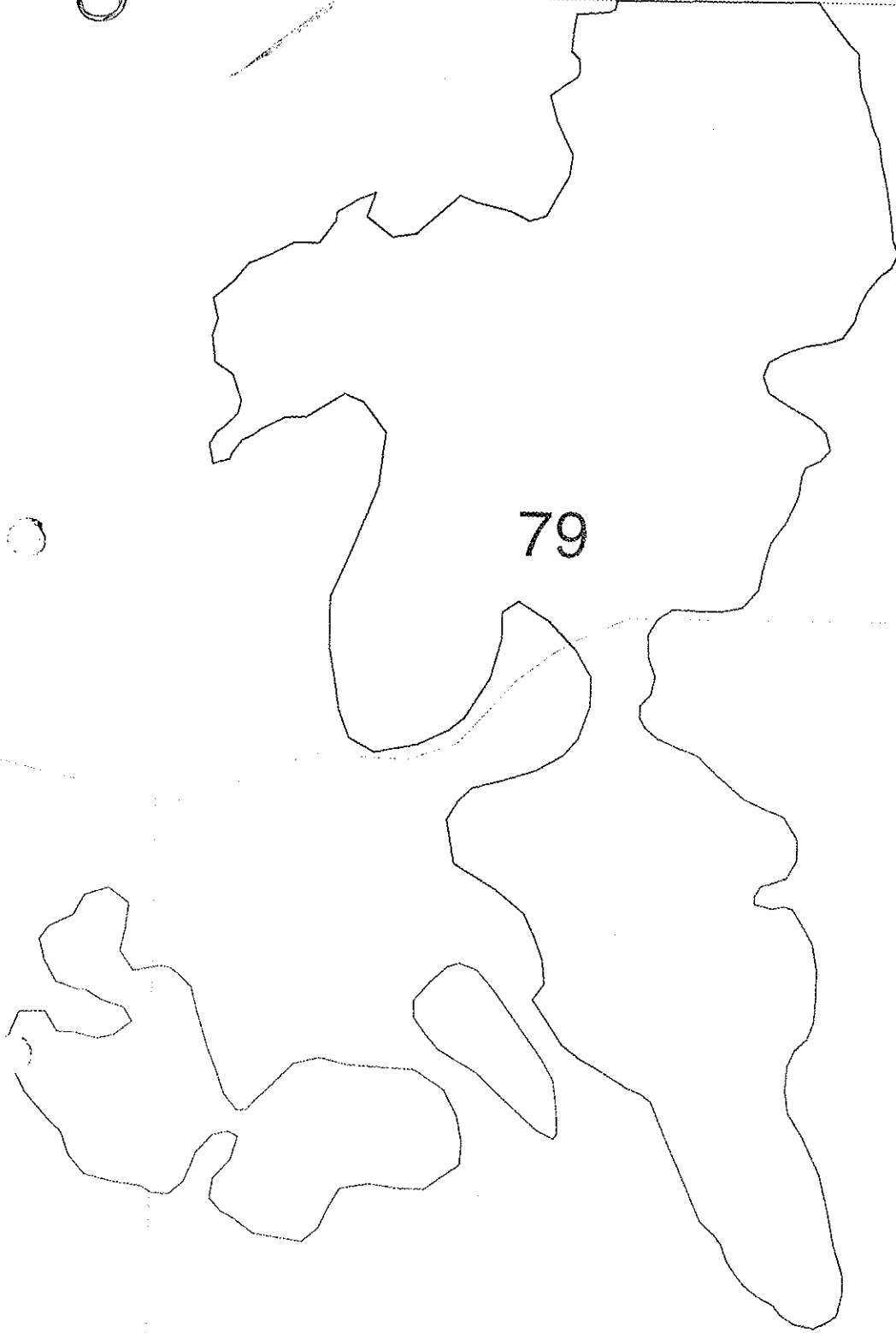


SCALE 1:7500



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AERIAL PHOTOGRAPHY - ORTHO-RECTIFIED
ORIGINAL PHOTOGRAPHY - JANUARY 1997 SCALE 1:20000
POSITIONAL ACCURACY + or - 10 metres



79

BUSHPLAN SITES CORRECTED

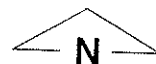


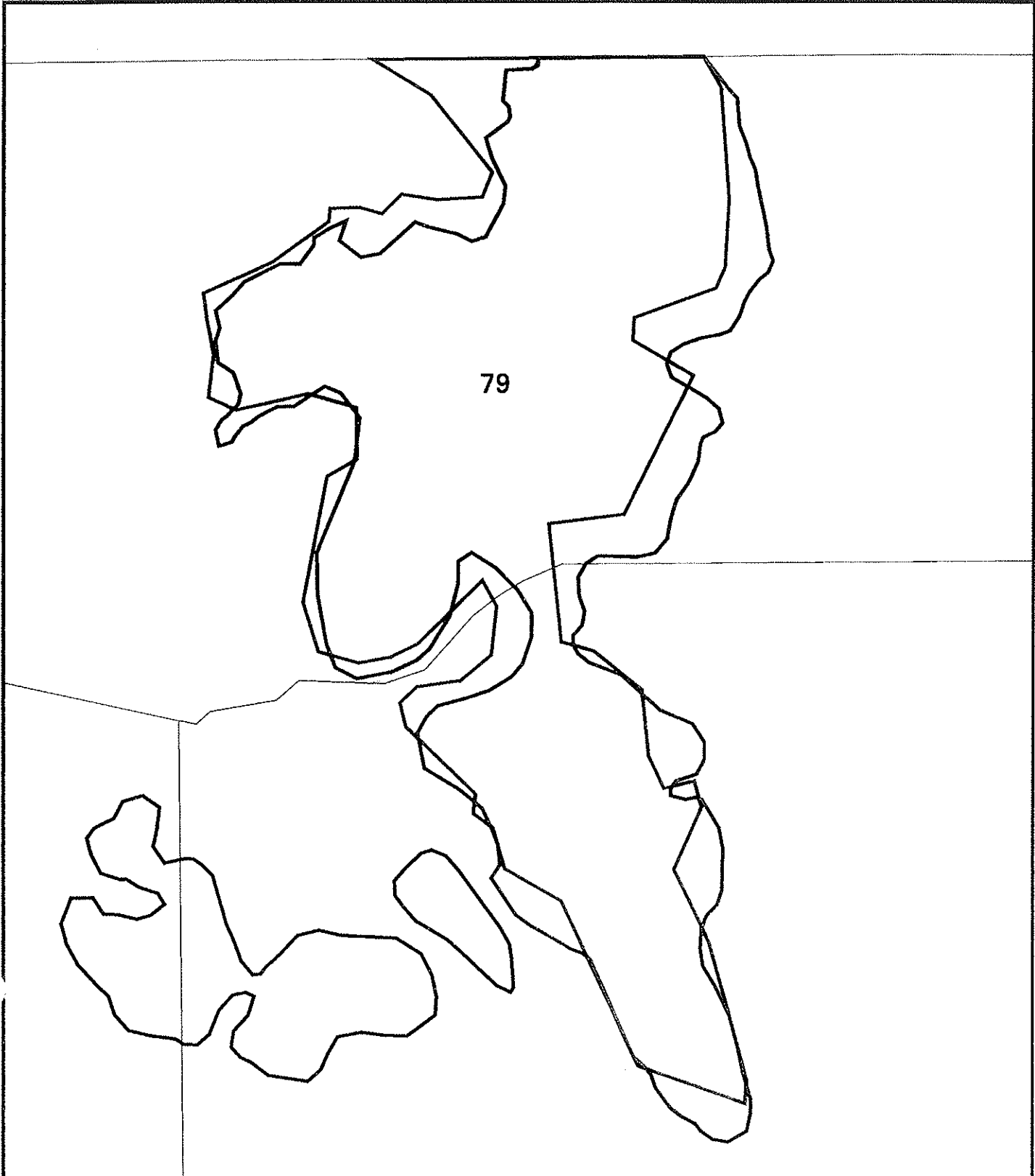
WESTERN
AUSTRALIAN
PLANNING
COMMISSION



CUSTOMER
FOCUS
WESTERN AUSTRALIA

e 21/10/98



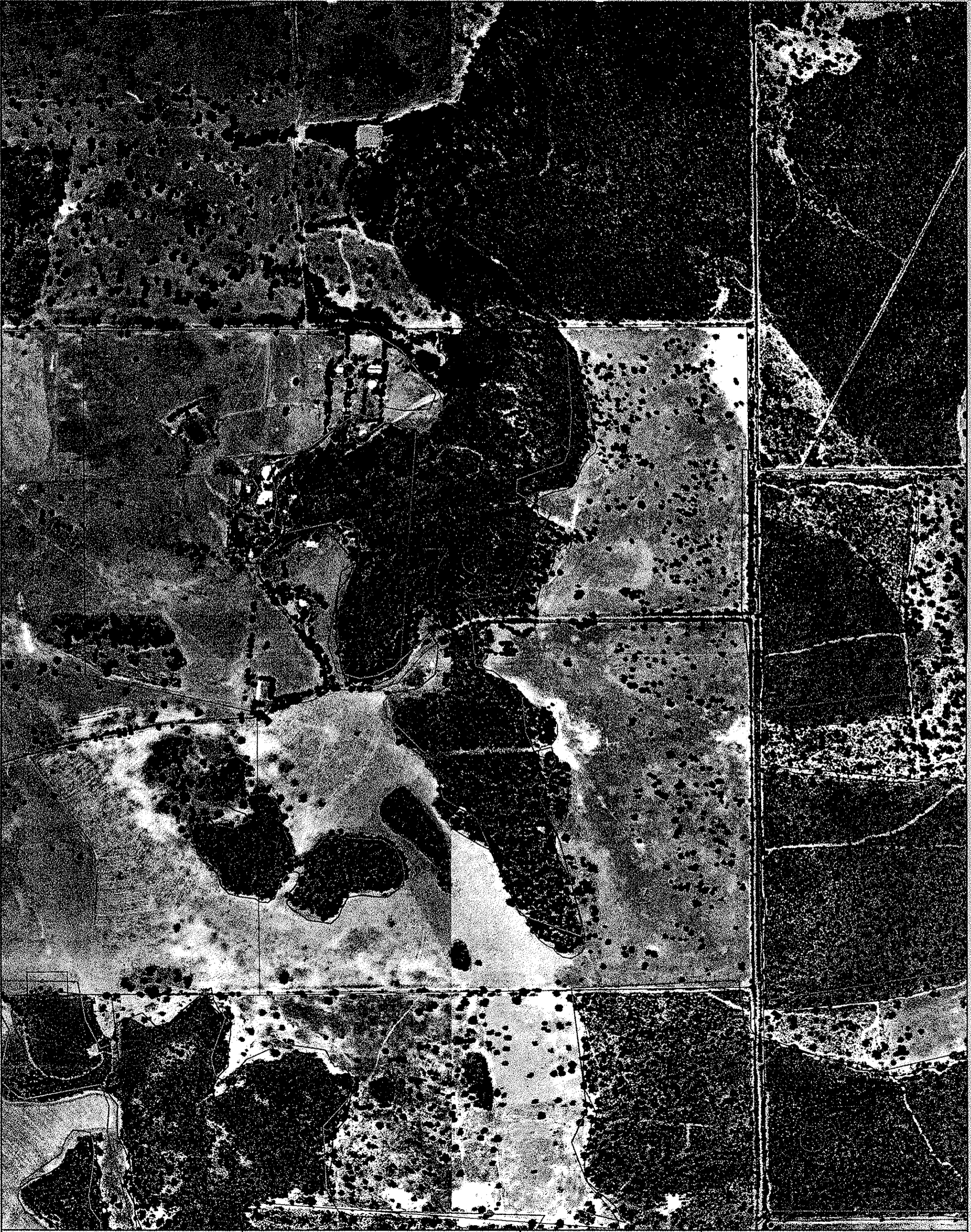


bp site 79

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✓ OK BTK 24/8.

MFP INTERNAL USE ONLY
Prepared By: Andrea Zappacosta
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Scale 1:7051



LEGEND



PLANNING
Ministry for Planning



NATIONAL PLANNING COMMISSION



SCALE 1:7500



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AERIAL PHOTOGRAPHY - ORTHO-RECTIFIED

ORIGINAL PHOTOGRAPHY - JANUARY 1997 SCALE 1:20000

POSITIONAL ACCURACY + or - 10 metres