

## RESERVE ACTION SHEET - CONSERVATION RESERVES

**RESERVE No. A47311 SHIRE: Trayning TENUE: class A nature reserve**

### REASON FOR ACTION

Avon Location 29487 has been set aside as a class A reserve for the purpose "Conservation of Flora and Fauna". Reserve A47311 is vested in the Conservation Commission of Western Australia pursuant to Section 7 of the *Conservation and Land Management Act 1984*.

Area: 194.4341 ha

The land was previously private property which was purchased in 1999, with funds from the State's Salinity Action Plan, with assistance from the Commonwealth Government through the National Reserve System Program of the Natural Heritage Trust.

The Reserve contains about 50 hectares of woodland communities – Salmon Gum, inland Wandoo, York Gum and Gimlet. Surveys found nine vegetation communities on the reserve and the Priority three flora, *Grevillea eriobotrya*.

The remnant is located high in the landscape, on the upper slopes of the Waddouring Hills. It is a recharge sites that discharges water into the valley through a well defined creek system.

Date of amendment: 27 November 2003      Customer Advice: p. 252  
 Plans at folios: pp. 186 & 254-255      Folios: pp. 22-26 & 256 -258  
 Native title clearance: Previous freehold tenure history extinguishes native title  
 IUCN classification recommendation: 1a

	OFFICER	ACTION	
1	LAND UNIT	Send copies of advice & maps to: - Lisa Wright, Woodvale - Manager, Merredin District - Manager, Wheatbelt Region	<input checked="" type="checkbox"/> 15/10/04 <input type="checkbox"/> <input type="checkbox"/>
2	SENIOR POLICY OFFICER, PVS	to note native title clearance:	<input type="checkbox"/>
3	SENIOR POLICY OFFICER, Crawley	to note:	<input type="checkbox"/>
4	A/DIRECTOR, NATURE CONSERVATION	to note:	<input type="checkbox"/>
5	ADMIN OFFICER, FLORA	to note:	<input type="checkbox"/>
6	CIS	pls create new file:	<input type="checkbox"/>
7	LAND UNIT	reserve details to inside cover:	<input type="checkbox"/>

**Customer Advices for Reserve Actions**  
**1/04/2004 - 30/04/2004**

**Shire of Trayning 1/04/2004 - 30/04/2004**

Reserve No.	Land Description	DOLA File No.	Volume/Folio	Action	Document No.	Registered	Street Name	Area	Public Plans
47311	Avon Location 29487	01084-1999-01RO	3119-568	Reserve Creation for the designated purpose of "Conservation of Flora and Fauna".	1709704	27/11/2003	Bencubbin-Kellerberrin Road	194.4341 Ha	

FILED  
 18 JUN 2004  
 BY [signature]

Thanks  
 Erica  
 30/9/04

For plans.  
 [Signature]  
 14.10.04

**CALM Tenure Information System - Report Generated on Monday, 18 October 2004**  
**Report Name:** Detail Report

**Page 2**

**Query Criteria**

Crown Reserve No. = 47311

**Special Comments**

**Crown Reserve:** 47311

**Tenure:** Nature Reserve

**Name:**

**Name Approval:** Un-Named  
**Date:**

**Vesting:** Conservation Commission of W A

**Gazettal Date:** 27-Nov-2003

**Purpose:** Conservation Of Flora And Fauna

**Gazettal Date:** 27-Nov-2003

**Class:** A **Gazettal Date:** 27-Nov-2003

**Area:** 194.43 **Gazettal Date:** 27-Nov-2003

**Surveyed Status:** Unknown

**CALM File:** **Management Plan:**

**Remark:**

**Notes:**

Information shown must be considered in the context of the applied query criteria as detailed in full on the cover sheet.

**CALM Tenure Information System - Report Generated on Monday, 18 October 2004**  
**Report Name: Gazettal History**

Page 2

**Query Criteria**

Crown Reserve No. = 47311

**Special Comments**

Crown Reserve **47311**

Class: **A**

Name:

Name Approval: Un-Named

Tenure: Nature Reserve Area: 194.4 ha

Purpose: Conservation Of Flora And Fauna

Vesting: Conservation Commission of W A

<u>Date</u>	<u>Gazettal Action</u>	<u>Description</u>
23-Apr-2004	DOLA File	01084- 1990-01ro
27-Nov-2003	Area	194.4341 Ha (1709704)
27-Nov-2003	Class	A
27-Nov-2003	Lot	Lot 29487 On Dp195121 (1709704)
27-Nov-2003	Public Plan	Bencubbin NE (50)
27-Nov-2003	Purpose	Conservation Of Flora And Fauna (1709704)
27-Nov-2003	Street	Bencubbin - Kellerberrin Road
27-Nov-2003	Survey No.	Dp:195121
27-Nov-2003	Original Gazettal	

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### Vegetation Types observed

1. <i>Grevillea eriostachya</i> Open Low ScrubB/Dense Low Sedges
2. <i>Eucalyptus burracoppinensis</i> , <i>E. leptopoda</i> Scrub Mallee/Open Low Sedges
3. <i>Eucalyptus loxophleba</i> Low Woodland A/Mixed Lithic Mosaic. [This unit is quite variable with tree cover patchy and "Shrub" understorey including variable density patches of <i>Acacia acuminata</i> , <i>Taruma</i> ( <i>Allocasuarina</i> ), and <i>Leptospermum erubescens</i> , with occasional patches of <i>Borya</i> and other herbs.]
4. <i>Eucalyptus capillosa</i> , <i>E. salmonophloia</i> , <i>E. loxophleba</i> Low woodland A/Open Low Scrub B
5. <i>Eucalyptus salmonophloia</i> , <i>E. capillosa</i> Low Forest A/Open Dwarf Scrub C
6. <i>Grevillea eriostachya</i> Open Scrub/ Myrtaceous Dwarf scrub C/ Low Sedges. [ <i>Xylomelum angustifolium</i> occurred in occasional clumps with <i>G. eriostachya</i> within this unit. The former is at one of the most easterly points of its range at this site. <i>Grevillea eriobactrya</i> P3 observed in this vegetation]
7. Mixed <i>Acacia</i> , <i>Allocasuarina</i> , <i>Grevillea</i> Heath A/ Myrtaceous Dwarf scrub C/ Low Sedges.
8. Mixed Lithic Mosaic. The unit is very diverse and usually includes variable density patches of <i>Acacia acuminata</i> , <i>Taruma</i> ( <i>Allocasuarina</i> ), and <i>Leptospermum erubescens</i> , with occasional patches of <i>Borya</i> and other herbs.
9. <i>Allocasuarina</i> Thicket. [ <i>Taruma</i> ]

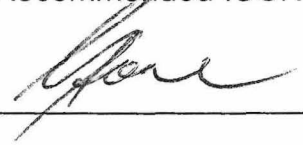
CONSERVATION ESTATE OFFICER  
LAND ADMINISTRATION SECTION  
PARK POLICY AND TOURISM BRANCH

A Reserve 47311 within Wheatbelt / Merredin Region/District, was created/amended, effective from 27 November 2003.

Copies of notification of this action and amended plans have been placed at folios 186, 252, 254-256 incl.

Would you please advise the relevant offices of this amendment through your Reserve Action Sheet.

Recommended IUCN classification 1a



Program Leader  
Tenure Group, GIS  
Information Management Branch

14.10.04

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**Avon Location 14247, Trayning**

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**Reason for inspection:** Aerial photographic interpretation indicated that the land was a suitable area for SAP land acquisition. The owner is amenable to a sale, provided that the price is acceptable.

**Inspected by:** M J Fitzgerald and P Roberts.

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**Nature Conservation Values**

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- Threatened flora:** *Grevillea eriotrya* P3. *Grevillea minutiflora* P1 may also be present.
- Threatened communities:** Three woodland communities comprise approximately 50 ha.
- Rare fauna:** None observed. *Salmon Gum, Inland woodlands, York Gum, Cinchona.*
- Reserve area:** ~190 ha.
- Naturally vegetated area:** ~98%. The main detractor is ~4 ha of gravel pits.
- Biotic diversity:** Nine plant communities were observed.
- NPNCA coverage:** There are two small NPNCA reserves within 15 km, occupying 0.08% of the area.
- Relationship to NPNCA:** Much of the vegetation on the land is not represented on nearby NPNCA lands. Those that are also on nearby NPNCA reserves greatly adds to the area already protected on the NPNCA lands.
- Conclusion:** Nature conservation values are considerable due to the presence of threatened communities and the relationship of the land to nearby NPNCA reserves.
- Ranking:** High.
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**Viability**

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- Remnant shape:** Not applicable.
- Intactness:** Moderate to heavy weeds occur on the northwestern side where the creek crosses the road and enters York Gum woodland. Elsewhere weeds are low.
- Landscape position:** High. Waddouring Hill is one of the most prominent hills in the local area. The land lies across its upper slopes.
- Adjacent land uses:** Agricultural land use occurs on the eastern and southern sides. The western side is bordered by the Trayning-Bencubbin Road. A parcel of remnant vegetation on the northwest side of this road is covered by the RVPS.
- Conclusion:** There are few significant threats to the areas long-term viability. The weed problem is of the same scale as that found in most York gum woodlands bordering farmlands.
- Ranking:** High.
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**Competing Land Uses**

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- Extractive materials:** Two areas are occupied by sand and gravel pits. Both areas have not been used for a considerable period. They require rehabilitation. Resources are still present but likely to be variable in quality.
- Recreation/Amenity:** None observed.

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**Avon Location 14247, Trayning**

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- Crazing:** Stock proof fencing surrounds the area of remnant vegetation. There are no signs of grazing within the area.
- Direct production:** None observed.
- Other land uses:** None observed.
- Conclusion:** The only noteworthy competing land use is gravel mining. It should be appreciated that:
  - The road appears to have been sealed since the pits were last used,
  - The land is on the extreme northern boundary of the Shire of Trayning with the nearest gravel road more than 5 km away, and
  - Gravel suitable for road building appears to be limited.
- Ranking:** Low.

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**Compatible Use/Benefit**

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- Shade and shelter:** Some limited shelter is provided on the eastern side of the reserve. However the vegetation in most other cases is too low to offer shade or shelter.
- Land degradation:** The area contains soils that are moderately prone to wind and water erosion.
- Hydrology/soil stability:** The land is a recharge site that discharges water into the valley through a well-defined creek system. Salinisation is apparent on the valley floor.
- Water catchment:** No dams observed nearby.
- Landscape (aesthetic):** The land slopes away from the road in a convex manner. Consequently little of the area in question is visible from the road. However that which is, adds greatly to the visual landscape for those traveling the Trayning-Bencubbin Road.
- Aboriginal sites:** None observed.
- Conclusion:** The land offers a number of soil and land conservation benefits, particularly for land down-slope.
- Ranking:** High

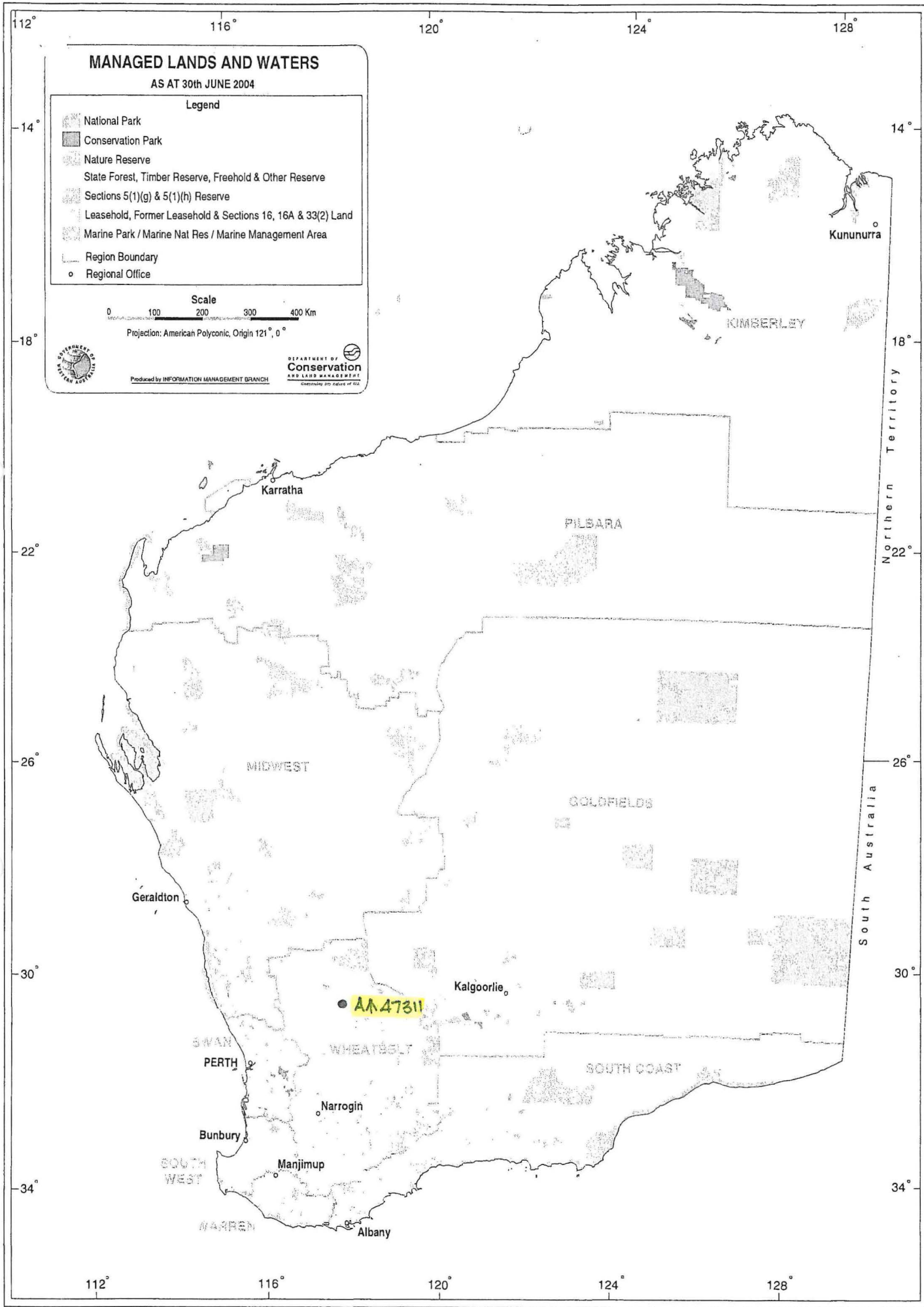
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**Conclusion and Recommendation**

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The land has high nature conservation values, high visibility and high compatible land use benefits. Competing land use is low.

I therefore recommend that the land be purchased with SAP funding.



### MANAGED LANDS AND WATERS

AS AT 30th JUNE 2004

#### Legend

- National Park
- Conservation Park
- Nature Reserve
- State Forest, Timber Reserve, Freehold & Other Reserve
- Sections 5(1)(g) & 5(1)(h) Reserve
- Leasehold, Former Leasehold & Sections 16, 16A & 33(2) Land
- Marine Park / Marine Nat Res / Marine Management Area
- Region Boundary
- Regional Office

#### Scale

0 100 200 300 400 Km

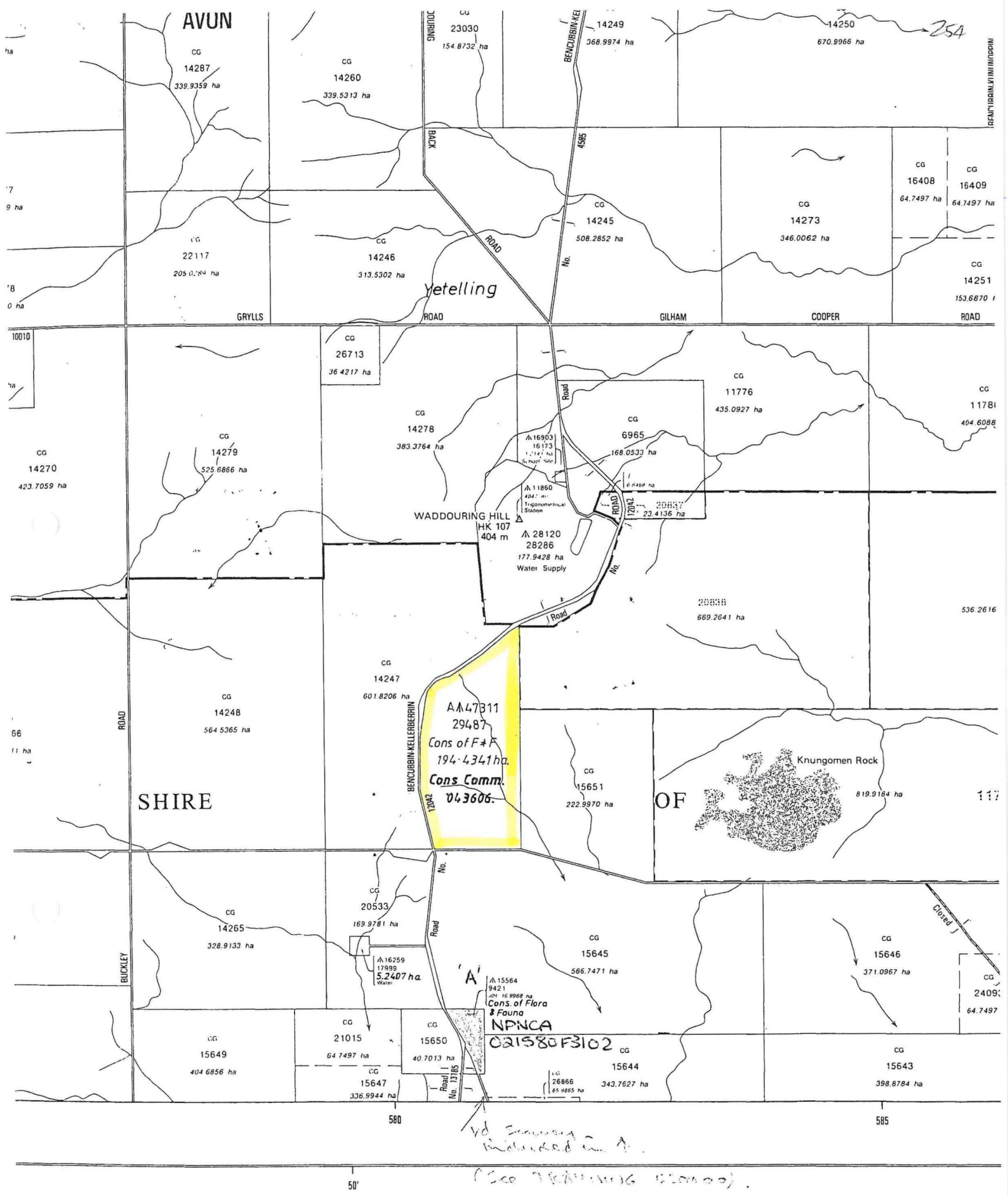
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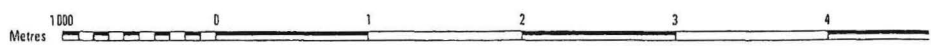
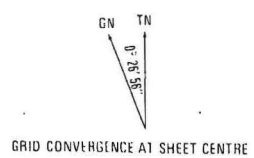
Produced by INFORMATION MANAGEMENT BRANCH

DEPARTMENT OF Conservation AND LAND MANAGEMENT

Continuity 2004



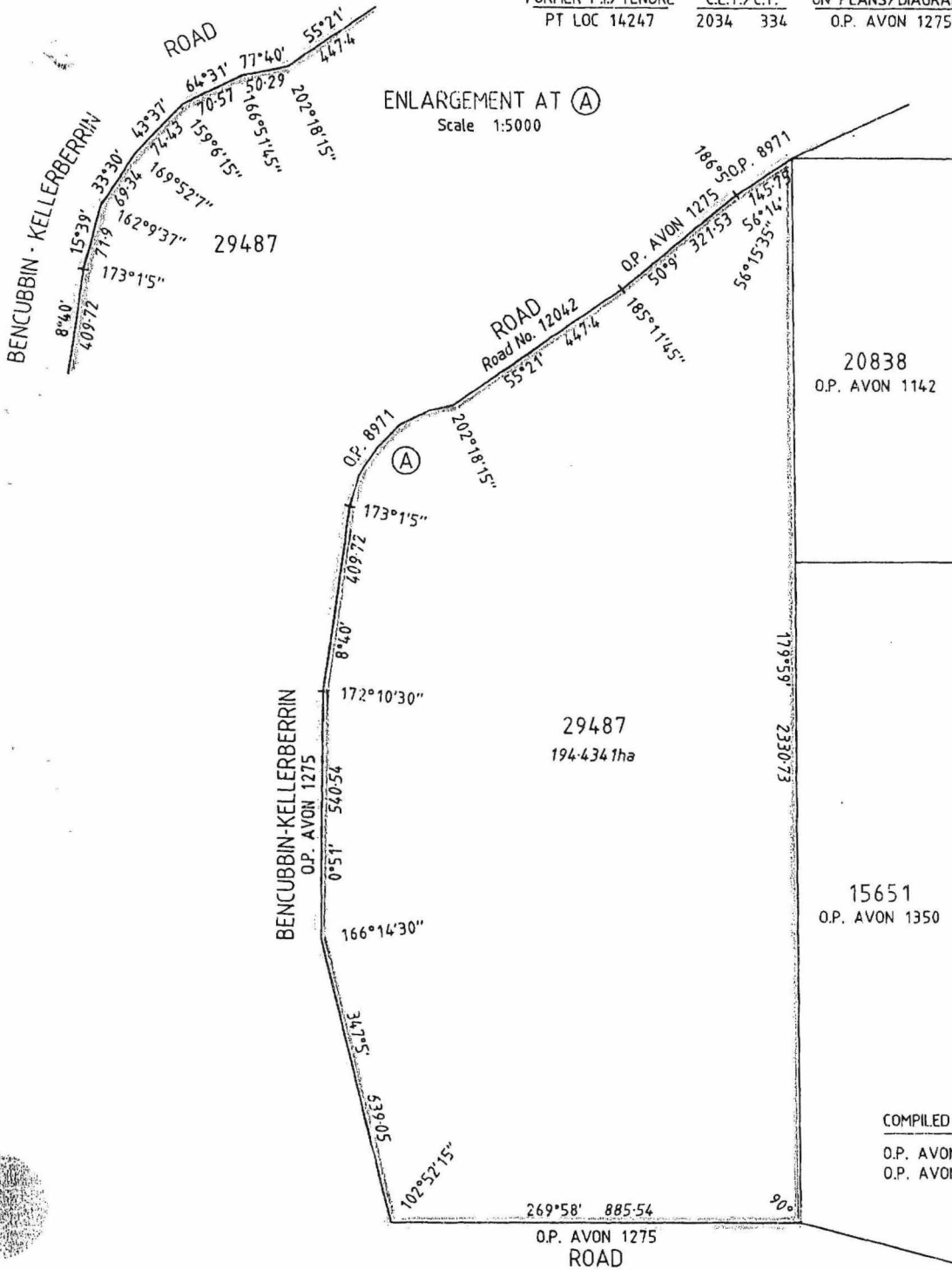
Pt. DJ Plan: Bencubbin (2436-11)  
 Scale 1 : 50 000



Boundary .....	Tenure : Freehold ; Lease .....	CG 353 1223	Airstrip .....
Boundary .....	Reserve : Land Act, Forest Act .....	A 19747 F A 146 25	Rock .....
Boundary .....	Agricultural Area or Estate Lot .....	56.....(Subdivided)	River or Watercour

FORMER P.I./TENURE PT LOC 14247  
 C.L.T./C.T. 2034 334  
 ON PLANS/DIAGRAMS O.P. AVON 1275

AMENDMENTS  
 186

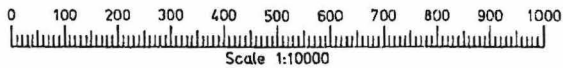


ENLARGEMENT AT (A)  
 Scale 1:5000

COMPILED FROM:  
 O.P. AVON 1142, O.P. AVON 1275  
 O.P. AVON 1350 & O.P. 8971



BENNETT GROGAN & ASSOCIATES  
 LAND DEVELOPMENT CONSULTANTS & LICENSED SURVEYORS  
 9 PAGE ROAD PO BOX 171  
 KELMSCOTT WA 6991  
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 e-mail bengro@makjap.com.au

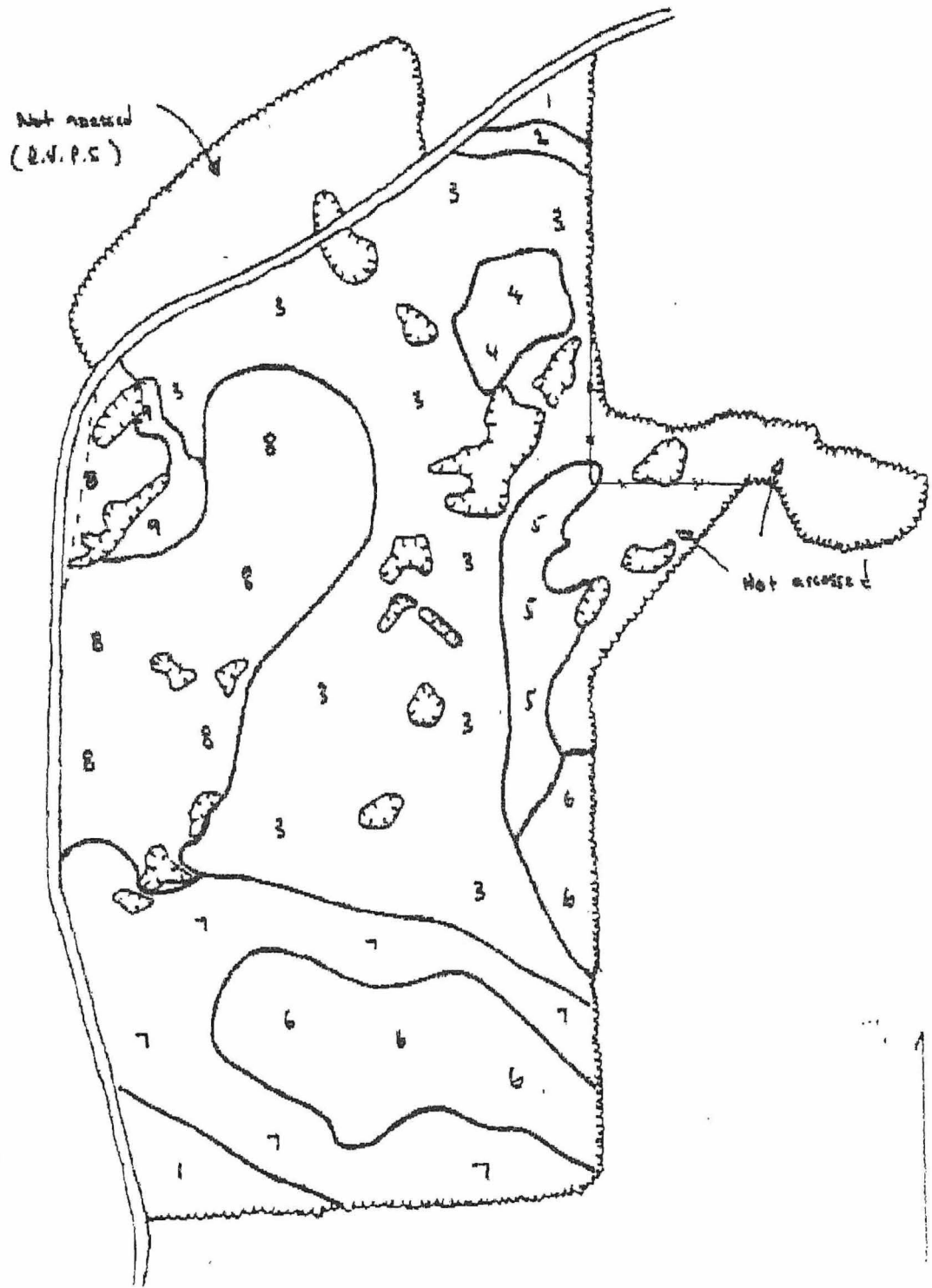


DIGITAL DATA FILE: B1406-20.CSD C:\CADD\DATA\DWG\DS16

DISTRICT AVON		LOCATION 29487		FILE 1084/999
TOWNSITE				SCALE 1:10000 ALL DISTANCES ARE IN METRES
SURVEYOR'S CERTIFICATE Regulation 54 I hereby certify that this plan is a correct representation of the survey and/or calculations from measurements recorded in the field book lodged for the purposes of this plan and that it complies with the relevant written law(s) in relation to which it is lodged. Licensed Surveyor _____ Date _____	LOCAL AUTHORITY SHIRE OF TRAYNING LOCALITY TRAYNING	APPROVED BY WESTERN AUSTRALIAN PLANNING COMMISSION FILE: EXEMPT FROM SECTION 219(1) A.A. 1997 FOR CHAIRMAN Date _____	IN ORDER FOR DEALINGS SUBJECT TO <i>Manifold / Reassessment / Revaluation</i> FOR AUTHORIZED LAND OFFICER DATE 2.8.0	
	SURVEY INDEX PLAN(S): BENCUBBIN NE(50) FIELD BOOK Page COMPILED AZMUTH FROM O.P. 8971	TYPE OF VALIDATION Full Audit _____ Date _____ Legal Component _____ Date _____ CERTIFIED CORRECT. <i>[Signature]</i> Date 2.8.0 EARLY ISSUE YES/NO F.S.C. No. _____ LODGED DATE M/B 28-6-0	APPROVED AUTHORIZED LAND OFFICER DATE LAND ADMINISTRATION ACT DIAGRAM 95121	
SURVEYOR'S CERTIFICATE Compiled I, Daniel Thomas Grogan (578) hereby certify that this compiled plan- (a) is a correct and accurate representation of the survey(s) of the subject land. (b) is in accordance with the relevant law in relation to which it is lodged. <i>[Signature]</i> 22.6.00 Date	DOLA Department of LAND ADMINISTRATION			

### Avon Location 14247, Trayning Nature Conservation Values

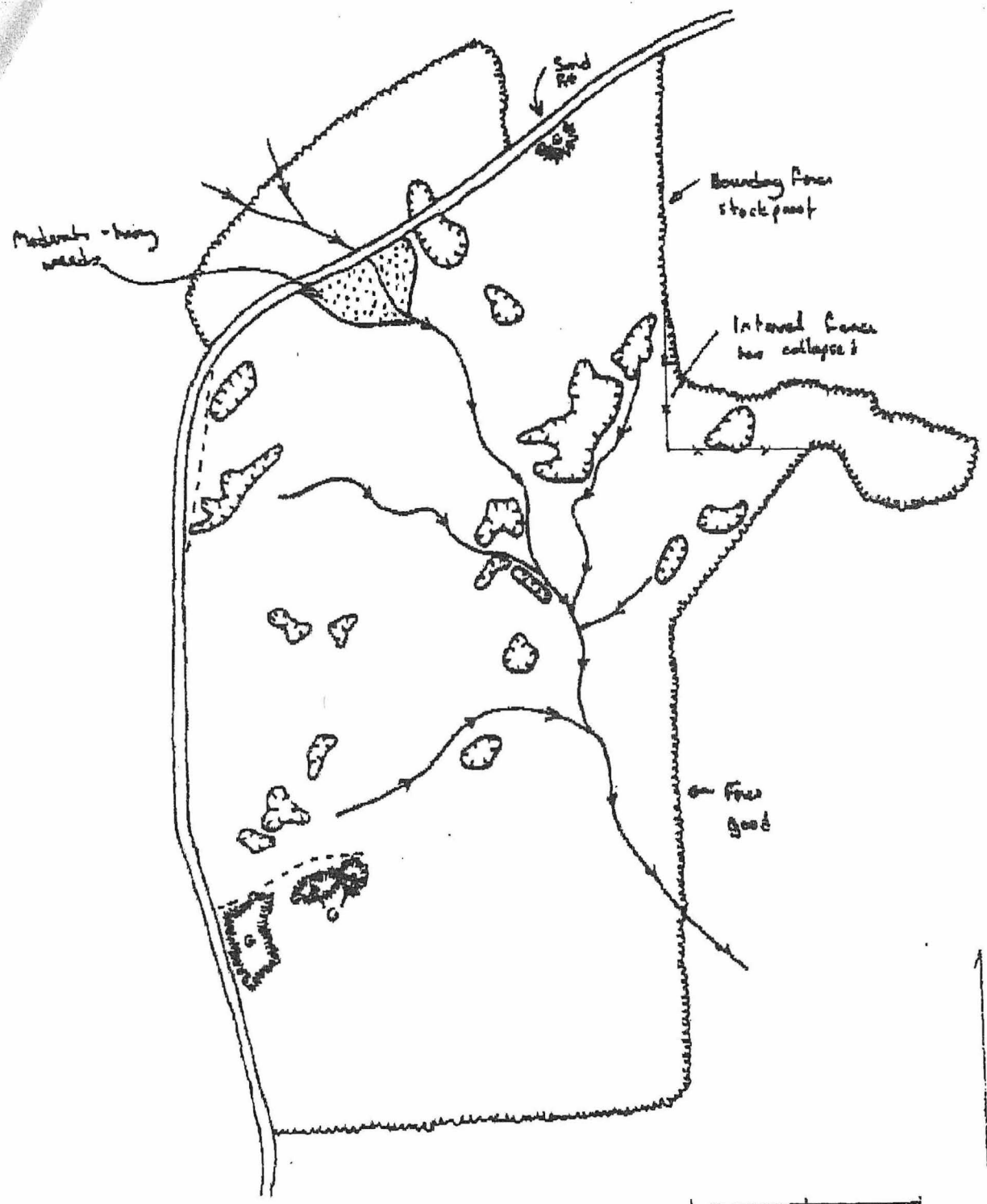
24










- Road
- Creek
- Tracks
- Fence
- Remnant Veg
- Granite outcrops
- Gravel pits

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### Avon Location 14247, Trayning Viability, Competing Land Use and Other Issues



800m

-  Road
-  Fence
-  Granite outcrops
-  Creek
-  Remnant Veg
-  Gravel pits
-  Tracks