

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"/>

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	

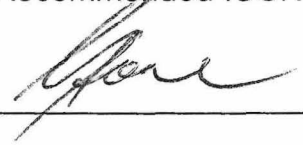
CONSERVATION ESTATE OFFICER
LAND ADMINISTRATION SECTION
PARK POLICY AND TOURISM BRANCH

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.

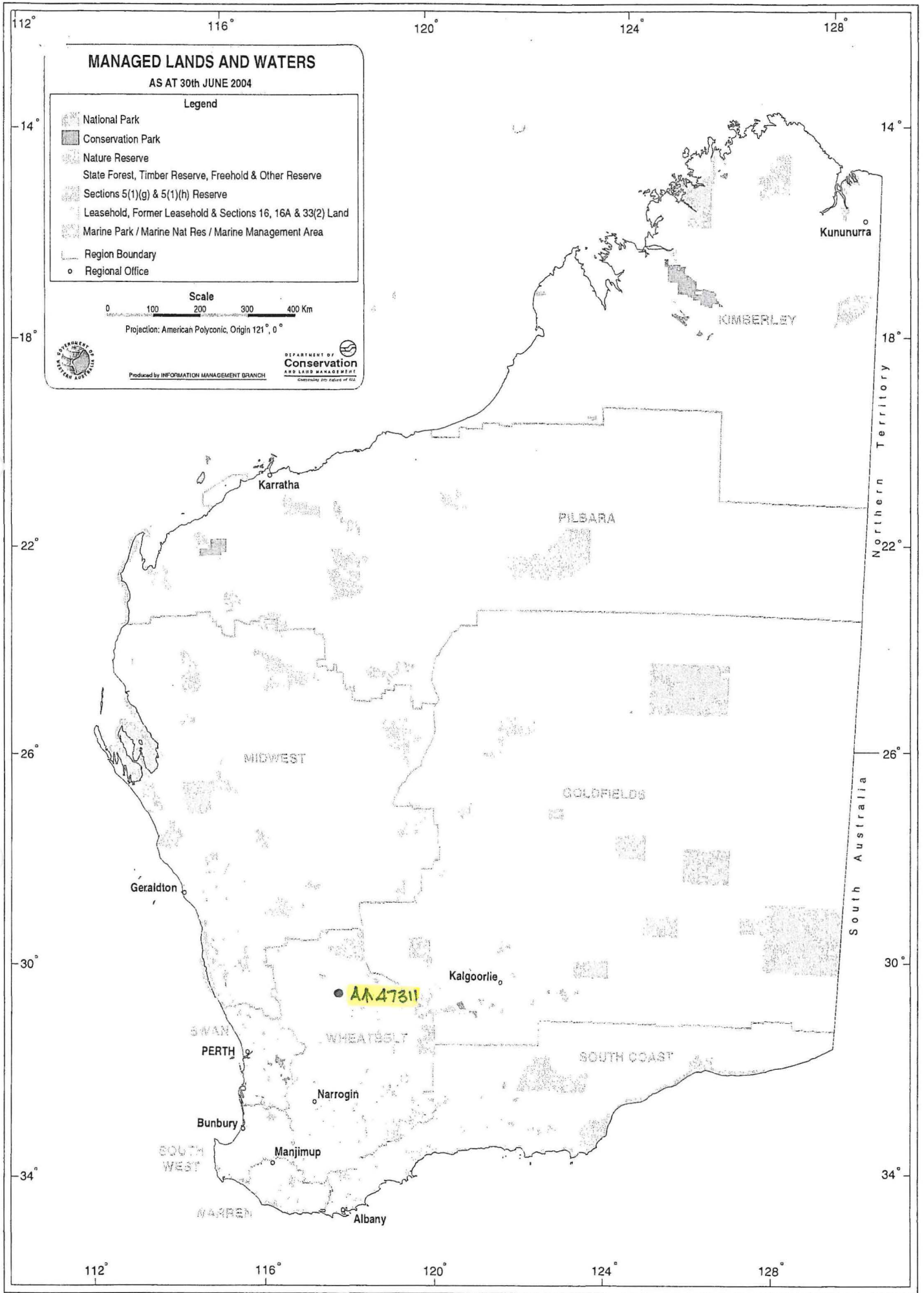
Would you please advise the relevant offices of this amendment through your Reserve Action Sheet.

Recommended IUCN classification 1a



Program Leader
Tenure Group, GIS
Information Management Branch

14.10.04



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

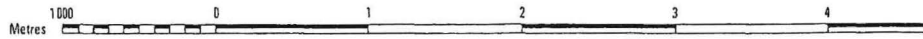
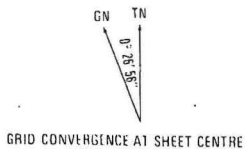
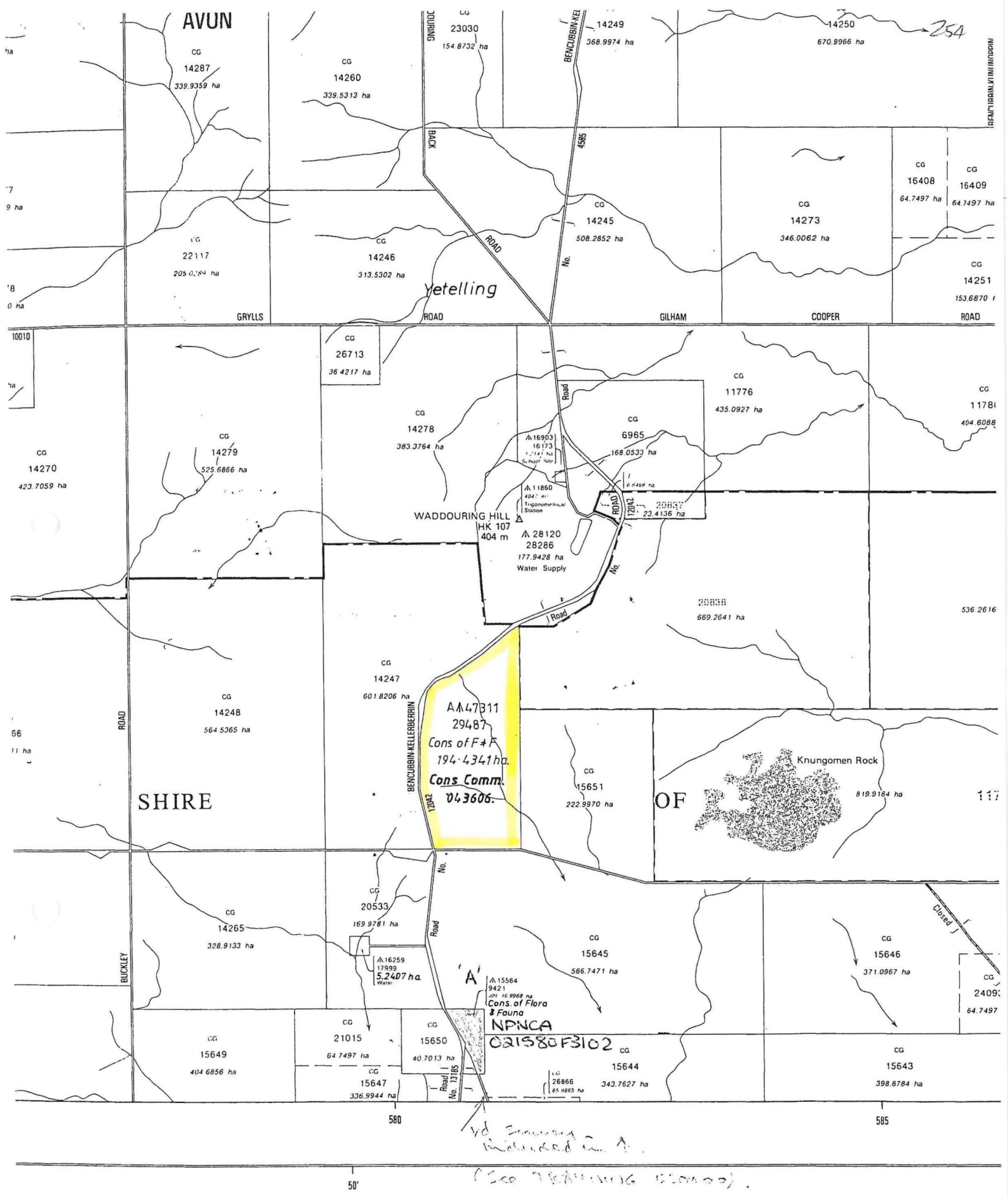
Scale
0 100 200 300 400 Km

Projection: American Polyconic, Origin 121°, 0°



Produced by INFORMATION MANAGEMENT BRANCH

DEPARTMENT OF
Conservation
AND LAND MANAGEMENT
Continuity of the Nature of WA



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 1974 F A 146 25	Rock
Boundary	Agricultural Area or Estate Lot	56.....(Subdivided)	River or Watercourse

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

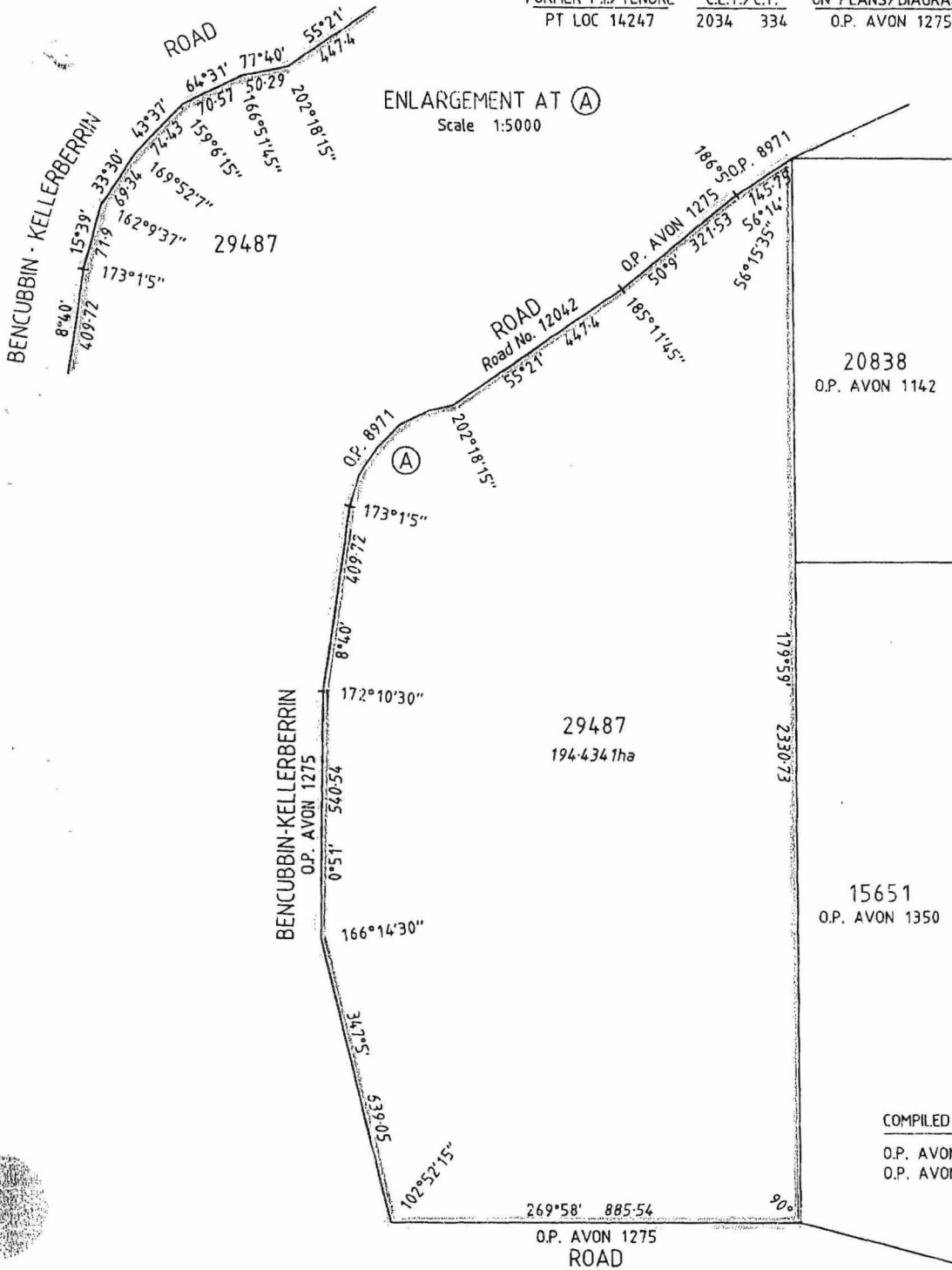
Thanks
 Erica
 30/9/04

For Plans.

John P. 14.10.04

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

AMENDMENTS
 186

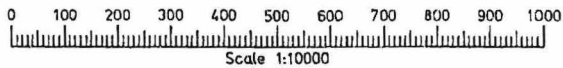


ENLARGEMENT AT (A)
 Scale 1:5000

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



BENETTI GROGAN & ASSOCIATES
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 KELMSCOTT WA 6991
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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> _____ 2.8.0 FOR AUTHORIZED LAND OFFICER DATE	
	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. _____ 22.6.00 Licensed Surveyor Date	DOLA Department of LAND ADMINISTRATION			

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Avon Location 14247, Trayning

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.

Nature Conservation Values

- 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, Cinchola.*
- 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.
-

Viability

- 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.
-

Competing Land Uses

- 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

- 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.

Compatible Use/Benefit

- 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

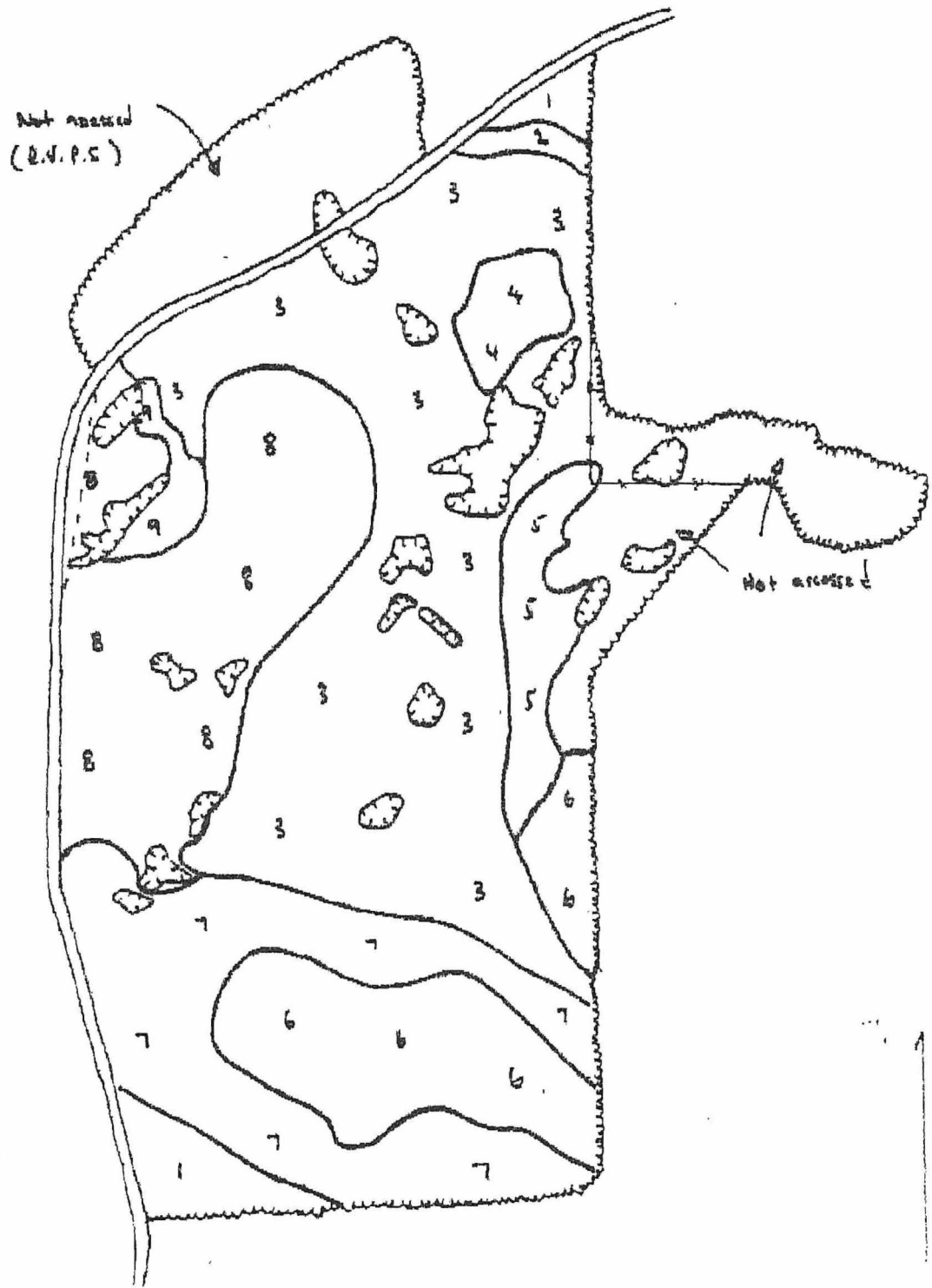
Conclusion and Recommendation

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.

Avon Location 14247, Trayning Nature Conservation Values

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

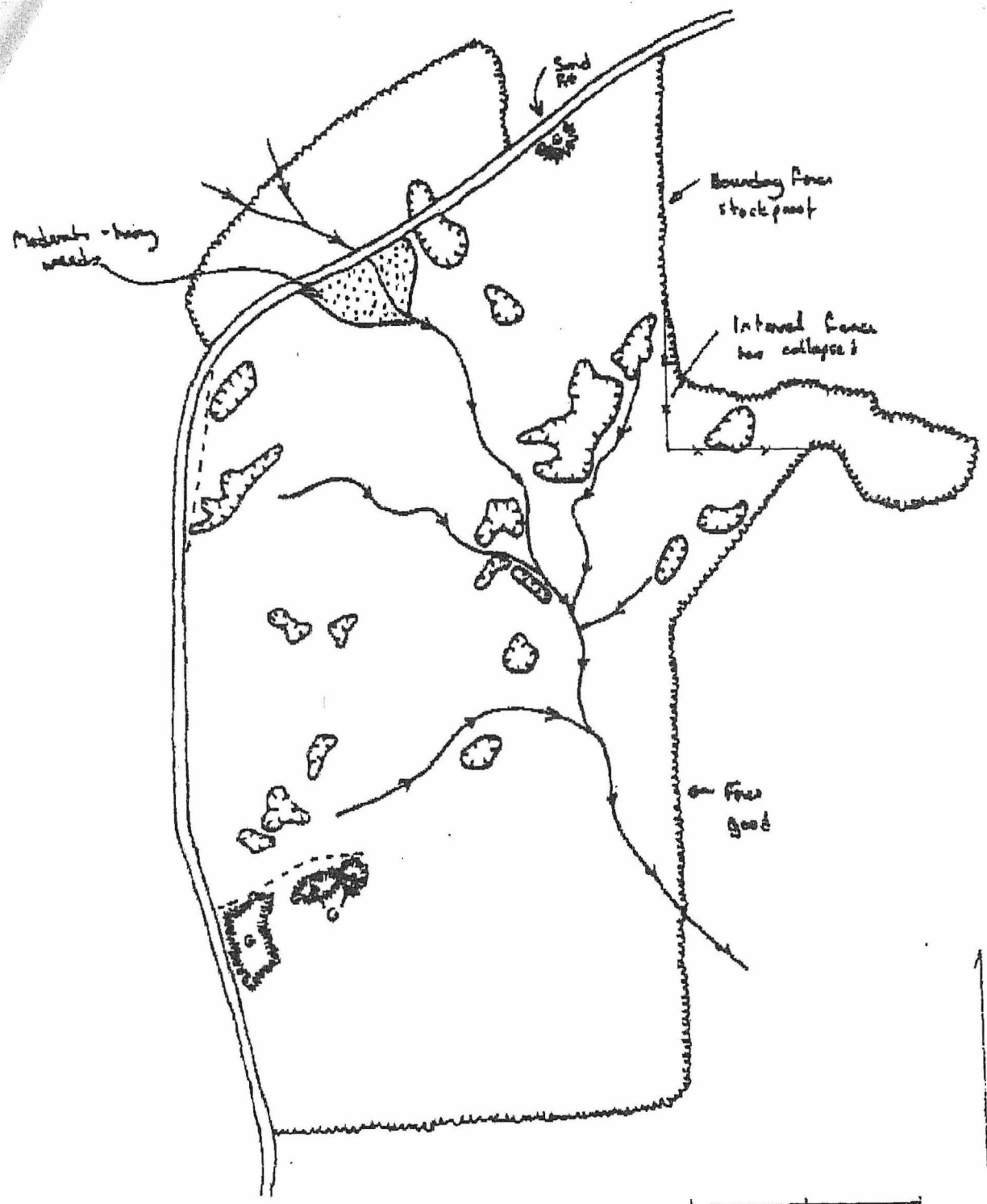
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Vegetation Types observed








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 (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 (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>]

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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