

**Management Plan  
Puni Memorial Recreation  
Reserve  
2004**



# CONTENTS

## **Section 1**

### Introduction

Definition and Purpose of a Reserve Management Plan

This section provides information on firstly, the reasons for preparing Reserve Management Plans and, secondly the processes involved up to final approval of the Reserve Management Plan by Council.

## **Section 2**

### The District plan (Resource Management Act 1991) and the Reserves Act 1977

This section explains the overall purpose of the District Plan and its relationship to the management of Reserves. It also outlines conditions applying to Reserves designated as "Recreation Zone" under the Franklin District Plan.

## **Section 3**

### Resource Inventory

Section 3 provides information about the Reserve. A brief summary on topics such as name, location, legal description, classification under the Reserves Act, historical background, natural physical features, vegetation, landscape modifications, reserve users and reserve management and maintenance.

## **Section 4**

### Future Development and Development Controls

This section outlines the proposals for future development for Puni Memorial Recreation Reserve.

## **Section 5**

### Objectives and Policies

The objectives and policies are derived from previous sections of management plans and from public input sought during the process of preparing the

Management Plan. These statements are the guidelines for the future management and development of the Reserve.

# Section 1

## INTRODUCTION:

### **Definition and purpose of the Reserve Management Plan**

Reserve Management Plans are documents outlining objectives and policies for the development and operation of individual (or several) parks and reserves. Such plans should clearly outline a Council's general intentions for the use, development and maintenance of the reserve and indicate the means of implementing the provisions of the approved Management Plan.

The Reserves Act 1977 requires that every administering body of a reserve prepare a Reserves Management Plan for each reserve under its control. The legislation provides an opportunity for the public to contribute to the formulation of the Plan and the making of decisions which will affect the future of the reserve.

The aim of the legislation is to ensure that the development and management of reserves and the subsequent use and enjoyment of them by the public is based on sound resource management and that, through involvement, the needs of the public are identified and accommodated as appropriate.

Once adopted by Council, a Reserve Management Plan will be reviewed from time to time so that, if necessary, it may be altered in keeping with changing circumstances.

As part of the consultation process, local Iwi and existing user groups were approached directly and invited to make submissions to provide information and proposals for future management/development. This was in conjunction with a similar invitation to the general public by means of newspaper advertisements.

Further consultation to discuss the proposed management plan was undertaken on-site with each of these parties.

The comments from the meetings have been reflected in this document.

At the time the draft plan was being prepared one submission(s) had been received, being from:

- Franklin Mountain Biking Management Committee
- It is noted that consultation has taken place with the current user on the

reserve, Puni Rugby Football Club Incorporated regarding the review of this management plan.

- At the time that the draft management plan was being prepared discussions to lease part of the Puni Memorial Recreation Reserve were being finalized between the Waiuku Dirt Track Club Incorporated and Council.
- Consultation had also been initiated with Ngaati Te Ata specifically looking at the preservation and maintenance required for the historical site that occupies part of this reserve.

# SECTION 2

## THE DISTRICT PLAN (RESOURCE MANAGEMENT ACT 1991) AND THE RESERVES ACT 1977

The District Plan (Resource Management Act 1991) and the Reserves Act 1977  
The Franklin District Plan was approved on 2 December 2000.

The purpose of the District Plan is to assist Council in the functions of achieving sustainable management of the Franklin District's natural and physical resources which is a requirement of the Resource Management Act 1991.

Key rules in the District Plan to be considered in conjunction with the goals and objectives of this management plan are as follows:

### Part 4, Partnership with Tangata whenua

The District Council has legal obligations with respect to Tangata whenua when managing the natural and physical resources of the District. These obligations are set out in the Resource Management Act 1991.

Consultation with Tangata whenua is considered a first step when embarking on the process of writing a reserve management plan and a review of a reserve management plan.

### Part 11, Recreation and Reserves

Outlines the recreation and reserves issues and the links to the Recreation Plan approved 28 May 1998 which is the guiding document in addressing recreational issues facing the district.

### Part 34, Rule 34 - Recreation zone

For the avoidance of doubt, and notwithstanding the rules which follow, all activities (or applications for consent for such activities) must also comply with such other provisions as may affect the activity and which are specified in Parts 7, 8, 10, 11, 12, 15, 22, 26, 50, 51, 52 and 53 of this plan.

### Reserve Act 1977

The provisions of the Reserves Act 1977 need to be adhered to in the management and development of Council reserves.

The Reserves Act 1977 places emphasis on the control, management, maintenance, preservation, development and use of reserves and is primarily concerned with the quality of reserves and the public enjoyment of them.

# SECTION 3

## NAME, LOCATION AND LEGAL DESCRIPTION

### **Name:**

Puni Memorial Recreation Reserve.

### **Location:**

The area known as Puni Memorial Recreation Reserve proper is located on the Southern side of Attewell Road approximately 5km south west of Pukekohe as shown in Appendix one (Puni Memorial Recreation Reserve Location Plan).

### **Legal Description:**

1. Allotment 62, Puni Parish, Block XIV, Drury Survey District

Total area: 11.0530 hectares

### **Classification:**

The Puni Memorial Recreation Reserve is vested in the Crown as follows:

Allotment 62	Recreation Reserve (N.Z. Gazette 5th September, 1983 page 3169).
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### **Zoning:**

Puni Memorial Recreation Reserve is zoned Recreation

### **Natural and Physical features**

The Reserve is rectangular in shape comprising generally of two flat plateaus with a small extinct volcanic cone situated in the middle on the Western side.

The area directly off Attewell Road is flat and is developed into a rugby field and adjacent training area and what was previously a metalled car parking area ( Now un-maintained).

The volcanic cone rises to approximately 140 metres above mean sea level at its highest point. This is a very small volcano by New Zealand standards and has several small craters near the summit.

The land behind the hill slopes steeply away to a small swampy area near the back

of the reserve. The land on the rear side of this swampy area is quite flat.

## **Vegetation**

The vegetation cover comprises predominantly of grass in the form of pasture or sports turf.

The tree cover within the reserve is estimated to be around 40-50 years of age and is a mixture of mainly exotic species with the occasional native species.

The volcanic cone area is badly infested with weed species such as Woolly Nightshade (*Solanum mauretanicum*) and Privet (*Ligustrum Spp*).

Main features include:

- A row of Pohutukawa (*Metrosideros excelsa*) in good condition along the Northern boundary with Attewell Road on the left of the main entrance extending into the reserve along the accessway and rugby field.
- A double planted shelter belt comprising of mature Japanese Cedar (*Cryptomeria japonica*) in good condition immediately to the south of the rugby field.
- Ornamental tree plantings on the volcanic cone area mainly comprising of Australian native trees (*Eucalyptus Spp.*) interspersed with the occasional NZ native and weed species.
- A plantation with Radiata Pine (*Pinus radiata*) 2 Ha in area and approximately 20 years of age is situated on the steep slope between the volcanic cone and the lower “plateau” on the Southern boundary of the reserve.

The plantation has not been managed silviculturally and is in average condition requiring thinning and other maintenance.

Full detail with species list is provided in (Yet to be compiled) (Puni Memorial Recreation Reserve Vegetation and Feature Plan)

## **Historical Background**

The Reserve is a historic place of Maori occupation, namely Pa and papakainga by the Puaha Waikato-Manuka tribes.

Maori cultural and historical information on this reserve is currently being compiled by the environmental arm of Ngaati Te Ata - Iwi.

The reserve was originally created in 1878 by the then Minister of Lands for the purpose of a stone and water reserve.

In 1902 the reserve was gazetted to be vested in the Pukekohe West Road Board (now the Franklin County Council). The reserve was referred to as the Puni Quarry Reserve.

At about this time a quarry site in the hill area was established. From 1929 to 1950 the reserve was leased for grazing purposes. It was not until 1950 after a public meeting held by local residents that it was decided to lease the front and hill portion of the reserve for the purpose of recreation and sports.

The Puni District Memorial Recreation Ground Committee was set up to develop and run this portion of the reserve (Approximately 5 hectares).

In 1951 the Council accepted the recreation ground as the official Memorial for Puni.

In 1952 the Council gave permission for the Recreation Ground Committee to use all of the reserve.

A year later the West End Tennis Club was set up along with a new pavilion with changing rooms and three tennis courts.

In 1956 the existing pavilion was extended and the stone Memorial Gates were built.

Between 1958 and 1961 the rugby field was formed and in use with a natural grandstand overlooking the grounds. The internal roadway was formed and the initial water supply installed. Fences were erected and a tree planting programme was well under way.

This also marked the start of the Puni Rugby Football Club on these grounds.

It was not until 1975 that the Puni Rugby Football Club proceeded to build a new Clubhouse on the reserve.

The following year a grazing lease was given to Puni Farms Limited who has grazed the property up until the present time.

In 1978 the Puni Rugby Football Club was given a lease for their Clubroom site.

The same year the Puni Cub Pack was given permission to lease the "Old Tennis Pavilion" on the reserve. (The West End Tennis Club having gone into recess meant the pavilion and courts were no longer in use).

In 1982 the reserve was connected to the town water supply.

On the 8th April, 1983, the Commissioner of Crown Lands under the Reserves Act 1977 declared the classification of the reserve for recreation purposes, therefore, the stone and water reserve classification was forfeited.

The name of the reserve then became the Puni Memorial Recreation Reserve.

## **Landscape Modifications:**

Landscape modifications include:

- Quarried slope on Eastern side of the volcanic cone, now mainly covered in Kikuyu grass.
- Formed and leveled sports field and adjacent training area in very sate of maintenance
- Formed metalled, partially sealed access road in poor state of maintenance from Attewell Road
- Formed and metalled car parking area in poor state of maintenance between Rugby Club building and disused Tennis Club pavilion
- Formed unsurfaced ring track approximately 3 metres in width extending from the end of the access road, curving right around the volcanic cone to the summit, and down again on the Eastern side of the volcanic cone.
- Kumara pits surrounding summit of the volcanic cone

## **Access/roading**

Access to the reserve is currently provided from Attewell Road with limited on-site informal parking (Up to 40 vehicles) available along the access road and between the disused Tennis Pavilion and the Rugby Club clubrooms.

A formed but unsurfaced track loops from the end of the access road up to and around the summit of the volcanic cone and returning back to the end of the access road again.

## **Current Uses:**

The Reserve currently accommodates a range of informal or unstructured activities such as walking, jogging and informal recreation.

Although no surveys have been carried out as to the usage intensity of these activities, initial observations would indicate this to be low at this stage

The Reserve's only formal user group is the Puni Rugby Football Club who utilize the rugby field and training area, and own and manage the club rooms.

The steep middle section of the reserve immediately behind the volcanic cone is used for forestry purposes.

### Leases

The following lease agreements are currently in place:

- The Puni Rugby Football Club has a formal lease to occupy.
- The Waiuku Dirt Track Club. On 1 March 2004 the Franklin District Council approved a lease by the Waiuku Dirt Track Club to develop, use and operate a track specifically for dirt track races.

### Proposed Use

Franklin Mountain Biking Management Committee:

The Franklin Mountain Biking Management Committee ( FMBMC) has submitted a proposal to formalize the right to use a part of the Puni Memorial Recreation Reserve to develop a family mountain biking park. The area identified for mountain biking opportunities is within the existing forestry area planted on the western slopes of the reserve. The proposal is outlined in Appendix 2 of this document.

This area when developed will be known as the Puni Family Mountain Bike Park (PFMBP)

Ongoing consultation will continue with the FMBMC on the proposed track with a view to formalizing the area through a written agreement developed between the FMBMC and Council. This committee primarily see themselves an advocacy group who will establish a mountain biking venue in Franklin.

Consultation has taken place with Iwi and other user groups, and the proposed route and use based on information available at time of writing of this plan appears to be compatible with other user groups lease requirements.

The FMBM committee is interested in investigating the possibility to renovate the disused Tennis Pavilion as a meeting venue.

The Counties Manukau Orienteering Club along with the Franklin Primary School Sports Association currently use the reserve informally to stage orienteering events.

It is intended to formalize this use by establishing a usage agreement that is fully supported by the current lessee's on the reserve.

Counties Dog Training Club Incorporated:

The Counties Dog Training Club Inc (CDTC) has approached Council about the possibilities of locating their activity within the Puni Memorial Recreation Reserve. Initial discussions with the main reserve user the Puni Rugby Football Club has resulted in an agreement in principle to the CDTC to the possibilities of sharing the grounds with this Club.

The CDTC in their submission to the management plan are very enthusiastic about the opportunity this reserve may offer for their activity and potentially a future club base.

It is acknowledged that there are issues to be worked through prior to any agreements being finalized. Council's role is to facilitate the discussion on the basis that there may be opportunity on this reserve to cater for another recreational activity and that Council would be guided by present user opinion.

## **Reserve Management and Maintenance**

All reserve maintenance is currently managed and funded by the Franklin District Council.

Current maintenance is limited to the mowing and general maintenance of the rugby field, training area and surrounds, litter removal and maintenance on an as required basis.

The current lessees and the FMBM Committee, as well as the local Iwi have shown keen interest in participating in the future development and maintenance of the reserve.

The Waiuku Dirt Track Club will be responsible for the maintenance of the grassed areas within their lease as per their lease agreement.

There may be potential to further involve the wider community in the maintenance and management of the Reserve, which would broaden community involvement, and maximize usage of the reserve.

# SECTION 4

## **FUTURE DEVELOPMENT AND DEVELOPMENT CONTROL**

It is noted that the area's immediately surrounding Pukekohe are developing rapidly.

The continuing advancing development and associated population pressure, and the increasing desire to live in the rural/city fringes are likely to increase the pressure on land available for recreational opportunities.

The close proximity of the Puni Memorial Recreation Reserve to Pukekohe, its historical and natural features as well as development potential for recreational and educational purposes provide the opportunity to make this park a unique destination for the District residents and visitors, and important community focal point.

The vision towards which this plan steers the management of Puni Memorial Recreation Reserve is the opportunity to provide valuable recreational community facilities for the use of the public and specific groups whilst ensuring that historical, cultural, environmental and landscape values are protected.

With the increasing popularity of activities such as mountain biking the proposed mountain biking track on Puni Memorial Recreation Reserve will provide a resource for the local mountain biking community right on the doorstep of Pukekohe.

As a result of the development of a mountain biking track on this reserve and its proximity to Pukekohe it is anticipated that the track would be very accessible to the community specifically catering for those people with time constraints.

Mountain biking within the Franklin area is catered for in ARC parkland in the Hunua Ranges and the Awhitu Regional Park to a lesser extent only. The District's cyclists must travel long distances to find designated tracks. Due to the value that the Puni Memorial Recreation Reserve would have to offer the District as a mountain biking resource, it is considered likely that the Reserve would eventually be part of a District-wide cycling network that promotes and manages all types of cycling within Franklin.

It is expected that in the future the reserve will increasingly cater for many other needs of the local and wider community.

Care must be taken to ensure current and future users are compatible with each other, and in accordance with its recreation reserve status.

Where appropriate the Council will partner with Tangata whenua and user groups to provide and or, allow further development of the reserve to cater to the specific needs of these groups. At all times the needs of the wider public must be foremost so that the public are neither disadvantaged nor excluded from any part of the reserve.

A long term development plan for the reserve would be desirable, thus ensuring that any future development will recognize this concept. Further improve the maintenance standards on the reserve; in particular weed control is desirable.

This plan provides for the following developments:

1. The siting of a plaque and associated Tohu (memorial), and suitable interpretative signage as an acknowledgement of the Reserve as a historic place of Maori occupation
2. Provision for a mountain bike track to be developed by the Franklin Mountain Biking Management Committee subject to the agreement to use the reserve is negotiated. Access by mountain bikes is to be limited to approved routes in order to prevent any potential damage to the volcanic cone and associated historical/archeological features as well as to avoid possible conflict with other users and user groups.
3. The possible renovation if required of the currently disused Tennis Pavilion by the Franklin Mountain Biking Management Committee. Should this building become a clubroom base for the FMBMC then a lease for the building will be formalized with the club or entity utilizing this facility on the reserve.
4. Review provision and need for further car parking if demand increases.
5. Reinstatement of the ring accessway up to current width and metal surface standard (To be accessible for maintenance/emergency purposed and pedestrian/mountain bike activities only).
6. To continue facilitating the approach by the Counties Dog Training Club to establish itself permanently on the reserve for their activity requirements.

Sensitivity will be required for the location, design and construction of any new buildings or alterations to existing buildings, structures and features to ensure that the character of the Reserve is retained and no damage occurs to the volcanic cone and associated historical/archeological features.

It is therefore proposed that any new building (structures) will be limited to locations in close proximity of the current buildings on site.

Preference is given to the use of the current toilet facilities/ablutions located within the Rugby Club building.

This will require approval from the Puni Rugby Club by other user groups if facilities such as these are required.

Materials used in constructing minor works will, wherever possible, be of natural materials, appropriate colours and be maintenance free.

The Puni Rugby Club is experiencing minor growth and anticipates this growth to continue in line with District growth. With this in mind the club believes that there are some key development that would support and attract new members. The following development is considered a priority for this club in the short term:

- Develop the No2 playing field for more regular play and install training lights.
- Extend the building and consider a gymnasium for club members.
- Update the current kitchen facility.
- Construct a play area for visitors to the reserve.

#### Open Pasture Areas:

The Waiuku Dirt Track Club is responsible for the maintenance including mowing of the grass areas within their lease.

The Franklin District Council will continue to maintain the rugby field, training area and immediate surrounds.

Maintenance requirements will be reviewed as required in order to meet current needs and community standards.

#### Planting:

The Vegetation and Feature plan attached as Appendix 2 shows the existing vegetation cover.

Generally the need for new plantings is limited, as the reserve has a relatively well balanced vegetation cover.

New screen planting is considered desirable on the Eastern side of the reserve alongside the new access road to be formed to the proposed dirt track, as well as suitable plantings around the storm water detention pond and stream to be formed as part of the dirt track formation.

The area surrounding the volcanic cone is planted in a range of ornamental mainly exotic (Australian) species giving a parkland effect. It is recommended that the trees within this area be assessed by a suitably qualified arborist in order to establish the condition of the trees individually, and a plan is prepared for selective removal prioritized according to condition, botanical significance and importance in the

landscape.

Replanting efforts should initially be focused on the Northern side of the volcanic cone, following removal of the weed species. Care must be taken not to disturb any historical/archeological sites during this process.

All plantings shall be carried out according to the soon to be prepared development plan for the reserve, and any ad-hoc plantings are to be avoided.

All user groups and Iwi have indicated that they would be interested in actively participating in the maintenance of the Reserve, as well as weed control and re-planting.

#### Fixtures:

The current need for Parks fixtures such as seating, litter bins, barbeques etc. is limited, however this may be reviewed as demand arises.

A main feature to the entrance of the reserve is the memorial gate and plaque currently in poor repair. It is considered an objective of this management plan that these gates will be renovated and the general area improved to enhance this historical link to the reserve.

Where fixtures are installed, they will be placed in locations approved by Council's parks officers and the Reserve Management Committee, in consultation with user groups.

#### Signs:

Signs may be installed in the park where necessary to mark entrances and provide information to park users. Iwi have indicated that they would like to see interpretative signage and a Tohu (Memorial) located at the reserve in acknowledgement of the historical and cultural significance of the reserve.

A suggested location would be towards the summit of the volcanic cone.

Signs will continue to recognize the partnership between the park user groups and Franklin District Council. Care will be taken to avoid a proliferation of signs.

#### Car Parking:

The existing car parking areas are relatively informal, consisting mainly of a metal surface partially covered in grass and weeds.

The number of car parking spaces available servicing the immediate needs of users

is considered appropriate to meet current demand.

This may be reviewed as requirements change.

Additional parking is available along Attewell Road.

### Paths/access

The existing accessway of Attewell Road consists of a mainly metal surface and is considered appropriate to meet current demand.

The Waiuku Dirt Track Club intend to construct an additional accessway from the North East corner of the Reserve, along the Eastern boundary to the proposed dirt track, It is proposed this track will be “low key” and with a metal surface.

An agreement between FDC and the FMBMC on the development of the track is envisaged that will allow the club to:

- Develop a track within the pine forest, extending from the summit of the volcano, down to the drain on the Eastern side of the forest, diagonally up towards the training field following the toe of the volcanic cone, and through the double planted row of Japanese Cedars (*Cryptomeria japonica*) meeting up with the old existing accessway from Attewell Road.
- Within the agreement being negotiated there is the intention to allow the FMBMC the opportunity to run exclusive event days throughout the year. These event days will be limited to a negotiated schedule.
- Appropriate directional and safety signage will be erected.

### Other Development

- Bike wash facility to be developed

# SECTION 5

## OBJECTIVES AND POLICIES

### 1. Objective: Statutory

To ensure that all statutory requirement relating to the reserve are met.

#### Policies

1. To develop and administer the reserve according to the Reserves Act 1977.
2. To ensure that any planned future development is compatible with the classification of the reserve as a recreation reserve.
3. To control and direct all public activity on the reserve in accordance with the Franklin District Council by-laws and other relevant laws.
4. To ensure that any future uses and development proposals are in accordance with the District Plan or any resource consent granted under the provisions of the District Plan.

### 2. Objective: Protection

To enhance the public amenity of the reserve with appropriate management and development.

#### Policies

1. Provision of native revegetation/amenity planting and landscape improvements along the proposed accessway from Attewell Road, storm water detention ponds and stream/drain edges as per an agreed development plan.
2. The provision of occasional specimen trees to replace dead/dying/unthrifty specimens throughout the reserve as per an agreed development plan.
3. Create “parkland” environment whilst retaining the character of the reserve.

4. Encourage weed control programmes by user groups and involve the local community in all aspects of development.
5. Provide other amenity/shelter plantings consisting of native/exotic species where appropriate.
6. Ensuring that any future plans for development of the reserve include a landscape plan.

### **3. Objective: Use**

1. To provide for the appropriate use of the reserve for informal and organized activities.
2. To ensure the reserve remains available to all members of the public.
3. To minimize adverse effects on the immediate neighbourhood of all activities conducted on the park.
4. To encourage the participation and use of the reserve by user groups and the public.
5. To recognize the Puni Memorial Recreation Reserve as part of the network of recreational facilities throughout the Franklin District.

#### Policies

1. That the organized use of the reserve be allowed in accordance with Council's procedures for the booking of reserves.
2. That the exercising of dogs be permitted in accordance with Council's dog control bylaw.
3. That all members of the public be allowed access to and through the entire reserve. (With the exception of dedicated dirt track event days where the public may be excluded in order to ensure their safety.)
4. To provide appropriate furniture and fixtures to cater to park users, including sheltered areas.
5. To define the parking areas, and appropriately restrict vehicle access to the remainder of the reserve.
6. To partner with clubs and user groups in the provision of appropriate facilities, to ensure their design and use is consistent with the

recreational reserve and public needs.

7. To ensure that formal lease agreements are entered into with all user groups where appropriate.

## **6. Objective: Management Committee**

1. To provide efficient and effective reserve management
2. To foster and facilitate community inclusion and involvement in the ongoing management of the reserve.
3. The Reserve Management Committee would comprise representatives from reserve user groups, parks officers and the local Councilor.
4. It is envisaged that the reserve management committee would meet a minimum of once per year or more often as future development of the reserve requires.

### Policies:

1. To encourage community/local participation in the development, protection, maintenance and enhancement of Puni Memorial Recreation Reserve.

## **5. Objective: Signage**

### Policies

1. To provide high quality effective directional and informative signage where appropriate.
2. To allow placement of a Tohu (Monument) and suitable interpretative signage by local Iwi at a location to be approved by the Franklin District Council.
3. To limit the number of permanent signs to those necessary for the purpose of providing information to users.
4. To ensure that signs comply with Council By-Laws.

# **APPENDIX LIST**

- Appendix 1: Location Plan (Aerial)
- Appendix 2: Reserve Layout, Vegetation Plan and Key
- Appendix 3: Proposed layout of the Waiuku Dirt Track Clubs – track
- Appendix 4: Photo Documentary

# Appendix 1:

## Aerial Location Plan

# Appendix 2:

## Reserve Layout, Vegetation Plan and Key

### Key to Feature and Vegetation Plan

<b>Plan Reference</b>	<b>Description</b>
1	Main entrance with stone feature and memorial plaque
2	Rugby Club building
3	Old tennis pavilion- proposed new clubroom for the Franklin Mountain Biking Club
4	Existing metalled areas, some in poor condition
5	Mixed exotic/native plantings- see Vegetation species list for details
6	Sports field
7	Sloping bank overlooking field with spectator seating
8	Mature double planted row of <i>Cryptomeria japonica</i> (Japanese Cedar) with proposed mountain biking trail leading through.
9	Proposed secondary entrance of Attewell Road.
10	Proposed new metal road leading to proposed dirt racing track
11	Proposed route for mountain biking trail
12	Approximate location of proposed Tohu and historical interpretative signage.
13	<i>Pinus radiata</i> (Radiata Pine) forest, to facilitate proposed mountain biking trail
14	Proposed dirt racing track for Waiuku Dirt Racing Club
15	Boundary hedge ( <i>Berberis</i> sp.)
16	<i>Metrosideros excelsa</i> ( Pohutukawa) avenue plantings

# Te Puni Recreation Reserve Management Plan

## Map Reference Area 5, Vegetation Species List

### Native Species

<b>Botanical name</b>	<b>Common name</b>
<i>Metrosideros excelsa</i>	Pohutukawa
<i>Podocarpus totara</i>	Totara
<i>Vitex lucens</i>	Puriri
<i>Leptospermum scoparium</i>	Manuka
<i>Dacrydium cupressinum</i>	Rimu
<i>Cordyline australis</i>	Cabbage Tree
<i>Phyllocladus trichomanoides</i>	Tanekaha
<i>Hoheria populnea</i>	Lacebark
<i>Cornycarpus laevigatis</i>	Karaka
<i>Sophora microphylla</i>	Kowhai
<i>Myrsine australis</i>	Matipo
<i>Nothofagus truncata</i>	Hard Beech
<i>Pittosporum crassifolium</i>	Karo

### Exotic Species

<b>Botanical name</b>	<b>Common name</b>
<i>Cryptomeria japonica</i>	Japanese Cedar
<i>Eucalyptus</i> spp.	Eucalyptus
<i>Allocasuarina torulosa</i>	Swam Sheoke
<i>Pinus radiata</i>	Radiata Pine
<i>Ligustrum</i> spp	Privet- weed species to be eradicated
<i>Solanum tomentosum</i>	Woolley Nightshade- weed species to be eradicated
<i>Cedrus libanii</i>	Lebanon Cedar
<i>Grevillea robusta</i>	Silky Oak

## Appendix 3:

# Proposed Layout of the Waiuku Dirt Track Clubs - track

# Appendix 4:

## Photo Documentary

### **Photo Documentary**

To follow is a photo essay showing features within Te Puni Recreation Reserve

All photos were taken during March 2004



Proposed Dirt Racing Track area with Radiata Pine forest on right



Existing main entrance into reserve with memorial plaque



Interior of Radiata Pine forest, heavily infested with Woolly Nightshade



Overgrown old track to the summit. The course of this track forms the base for the mountain biking trail. Access by bikes will be limited to the track only, in order to prevent damage to historical feature, and vegetation.

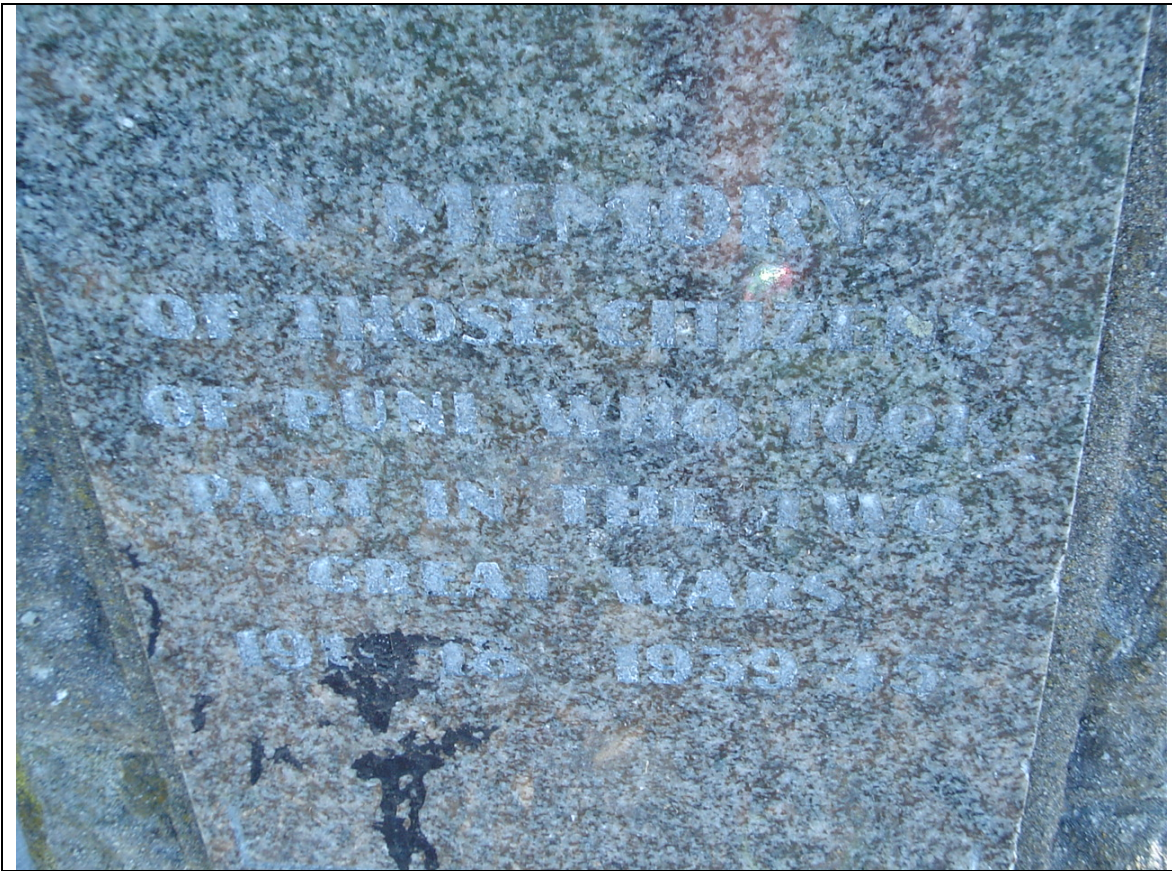


Vegetation on volcanic cone. Mainly consisting of a mixture of native and exotic species, as well as numerous weed species.



View of sports field and spectator area





Memorial plaque at entrance, to be restored.



View from training area along Eastern boundary with old Cryptomeria shelterbelts in background

