

MAKETU PA HISTORIC RESERVE (ALLOTS 136 & 136A) - Pratt Road.

Species Present

Trees and Shrubs

Puriri	-	Vitex Lucens
Kawakawa	-	Macropiper excelsum
Mapou	-	Myrsine australis
Karamu	-	Coprosma robusta
Totara	-	Podocarpus totara
Manuka	-	Leptospermum scoparium
Kanuka	-	Leptospermum ericoides
Nikau Palm	-	Rhopalostylis sapida
Karaka	-	Corynocarpus laevigatis
Kohekohe	-	Dysoxylum spectabile
Taraire	-	Beilschmedia taraire
Mahoe	-	Melicytus ramiflorous
Hangehange	-	Geniostoma ligustrifolium
Rewarewa	-	Knightia excelsa
Karamu	-	Coprosma lucida
Pigeonwood	-	Hedycarya arborea
Putaputaweta	-	Carpodetus serratus
Tanekaha	-	Phyllocladus trichomanoides
Coprosma propinqua x robusta (hybrid)		
Hupiro	-	Coprosma foetidissima
Mingimingi	-	Cyathodes fasciculata
Akeake	-	Dodonaea viscosa
Matai	-	Podocarpus spicatus
Heketara	-	Olearia rani
Rangiora	-	Brachyglottis repanda
Turipo	-	Paratrophis microphylla
Taurepo	-	Rhabdothamnus solandri
Kahikatea	-	Podocarpus dacrydioides
Landewood	-	Psuedopanax crassifolius
Neinei	-	Dracophyllum latifolium
Titoki	-	Alectryon excelsus
Tawa	-	Beilschmedia tawa
Coprosma macrocarpa		
Rimu	-	Dacrydium cupressinum
Pate	-	Schefflera digitata

Ferns

Bracken Fern	-	Pteridium aquilinum
Ponga/Silver Fern	-	Cyathea dealbata
Asplenium falcatum		
Pukupuku	-	Doodia media
Blechnum filiforme		
Lastreopsis glabella		
Shining spleenwort	-	Asplenium lucidum
Common Maiden Hair Fern	-	Adiantum cunninghamii
Fragrant Fern	-	Phymatodes scandens
Hounds Tongue Fern	-	Microsorium diversifolium
Pyrossia serpens		
Hypolepsis rufobarbata		
Mamaku	-	Cyathea medullaris
Pakauroharoha	-	Cyclosorus penniger
Turawera	-	Pteris tremula
Pteris macilenta		

Lianes

Supplejack	-	Ripogonum scandens
Climbing Ratas	-	Metrosideros spp.
Bush Clematis	-	Clematis paniculata

Epiphytes

Astelia spp.

Grasses etc.

Turutu/Blueberry	-	Dianella intermedia
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This reserve contains three different types of bush;

1. Mixed Podocarp - Hardwood
2. Regenerating bush
3. Scrub

The majority of the bush is the mixed podocarp-hardwood with a canopy of Totara, Puriri and Kohekohe, and isolated Tawa, Tanekaha, Rimu, Kahikatea and Matai. The understory is made up of Kawakawa, Mapou, treeferns and Coprosma spp. as well as juvenile canopy trees. The ground cover is ferns and dead leaf litter with the weed wandering jew covering large areas of the ground. This bush is fairly thick and not damaged by stock or rabbits.

At the western end of allot 136 and along the southern edge of allot 136A is the regenerating bush. Here the major canopy is old Kanukas and the understory is mapou and treeferns. This bush is very thick because of the large amount of light reaching the understory layers. This section of bush will eventually regenerate back to the mixed podocarp-hardwood bush found in most of the reserve.

The scrub can be found from the north western corner eastwards to the boundary of the two lots. It consists mainly of mapou, manuka, and mingimingi trees with grass and a few ferns underneath covering the ground. Areas of bracken border the scrub and also the regenerating bush along the southern boundary. In and around the scrub there is gorse and blackberry growing which could be sprayed to prevent it spreading into the bush itself.

The south-eastern corner of the reserve has a large amount of privet trees in it. These are invading the bush and could pose a threat if they get a strong hold. Another introduced tree can be found alongside the stream, this is the Crack willow which is a small spreading tree found near streams. This species does not pose any serious threat to the native plants present.

Maketu Pa Historic Reserve (allots 136 136A) is situated on Pratts Road and has a total area of about 4 ha. This area is split into two pieces each 2 ha in area. One piece is a native bush reserve owned by the FCC, and the other has an old cemetery in it and is owned by a Catholic priest. The bush covers all of the reserve and about two thirds of the other piece of land. The cemetery has a carpark and this also serves the native reserve. The reserve slopes from the

road down to Whiskey Creek at the northern end, the slope is fairly steep in places and at the western end of the reserve drops down in a high cliff. Along the stream at the eastern side are large rock formations and the stream forms a waterfall down to a large pool at this point. This pool is obviously a popular swimming hole as paths have been made through the bush from the carpark to this pool.

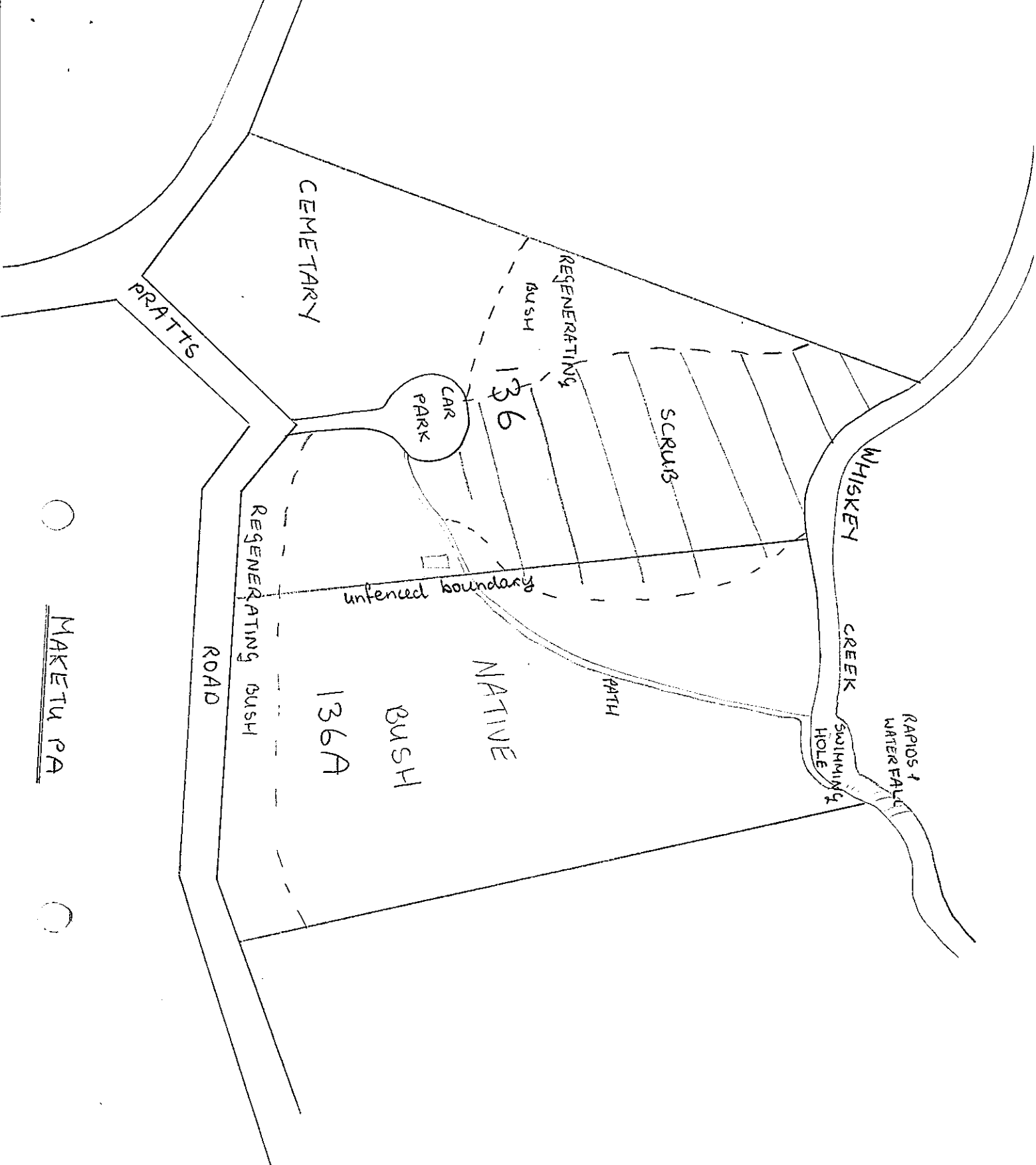
The reserve is very badly fenced all around and all fences need renewing. The cemetery has a white wooden fence around it and this would not need renovation. There are the remains of a fence that ran along the boundary between the two lots and this could be renewed to keep the reserve separate from the other land. A stile would have to be placed over the fence where the path to the creek runs through.

The reserve is used quite a bit and this is reflected in the amount of litter present in the reserve. The main areas of litter are to be found around the carpark and are as such not in the reserve. But there is also litter down on the banks of the stream that border the reserve and this could cause a problem if the swimming hole is used extensively.

This reserve was made mainly because of the historic value of the area, but it has a unique piece of bush on it with plants that are not found in other areas. The bush should be maintained in its own right and a good idea would be to make both pieces of land into one reserve.

K D Richards

23 January 1981



MAKETU PA

MAKETU PA HISTORIC RESERVE - PEACH HILL ROAD

Species Present:

Trees and Shrubs:

Totara	- Podocarpus totara
Mapou	- Myrsine australis
Mahoe	- Melicytus ramiflorous
Kawakawa	- Macropiper excelsum
Hangehange	- Geniostoma ligustrifolium
Titoki	- Alectryon excelsum
Karaka	- Corynocarpus laevigatis
Kohekohe	- Dysoxylum spectabile
Puriri	- Vitex lucens
Manuka	- Leptospermum scoparium
Pigeonwood	- Hedycarya arborea
Coprosma macrocarpa	-
Nikau Palm	- Rhapalostylis sapida
Tarairae	- Beilschmedia tarairae
Akeake	- Dodonaea viscosa
Rangiora	- Brachyglottis repanda
Koromiko	- Hebe stricta
Kiekie	- Freycinetia banksii
Karamu	- Coprosma robusta
Thin Leaved Coprosma	- Coprosma areolata

Ferns:

Pukupuku	- Doodia media
Bracken Fern	- Pteridium aquilinum
Mamaku	- Cyathea medullaris
Pyrossia serpens	-
Lastreopsis glabella	
Blechnum penna-marina	
Ponga/Silver Fern	- Cyathea dealbata
Blechnum filiforme	
Wheki	- Dicksonia squarrosa
Pakauroharoha	- Cyclosorus penniger
Fragrant Fern	- Phymatos des scandens
Pteris macilenta	
Pellea rotundifolia	
Hounds Tongue Fern	- Microsorium diversifolium
Common Maidenhair Fern	- Adiantum cunninghamii
Hen & Chicken Fern	- Asplenium bulbiferum
Shining Spleenwort	- Asplenium lucidum
Asplenium falcatum	

Lianes:

Supplejack	- Ripogonum scandens
Climbing Ratas	- Metrosideros spp

Epiphytes:

Astelia spp.

This reserve contains mixed podocarp-hardwood forest as well as scrub and open grass and bracken areas. About half the total area of the reserve is grazed and contains open land. The canopy layer consists of Puriri, Kohekohe and Totara with isolated Taraire, in the bush itself, and Manuka elsewhere. The understorey is mainly Kawakawa and Coprosma spp. There are sections of the reserve where there is no bush at all but long grass and weeds with isolated trees.

The reserve also contains large numbers of introduced species including Hawthorn, gorse, privet and one large pine tree.

The gorse and Hawthorn could rapidly take over the clear areas thus preventing regeneration, so they should be controlled.

The substrate of the reserve is largely made up of boulders and stones and in the bush areas these are covered with ferns and creepers.

Maketu Pa Historic Reserve is situated on Peach Hill Road and is just under six hectares in area. Half the area of the reserve has been leased and is being grazed, the native bush has been fenced off. The reserve is situated on the site of an old pa which has since been quarried. The land is very steep and the reserve covers one side of the hill the pa was once situated on. At the top of the reserve are some sheer cliffs of rock which drop down to steep piles of boulders at the bottom. A grass "road" leads up through the grazed land into the reserve.

The reserve is fenced all around and the native bush area is fenced from the grazed land. The fence around the native bush is newly erected but is hopelessly inadequate. In some sections the bottom strand of wire is one metre from the ground.

Stock have been getting into the native bush and damaging the young trees present. The whole fence around the bush needs looking at and redoing in some places. The boundary at the top of the hill is not clearly shown with two boundary fences being present, one a wire mesh fence half up the hill the other a stone wall that runs along the top of the cliff.

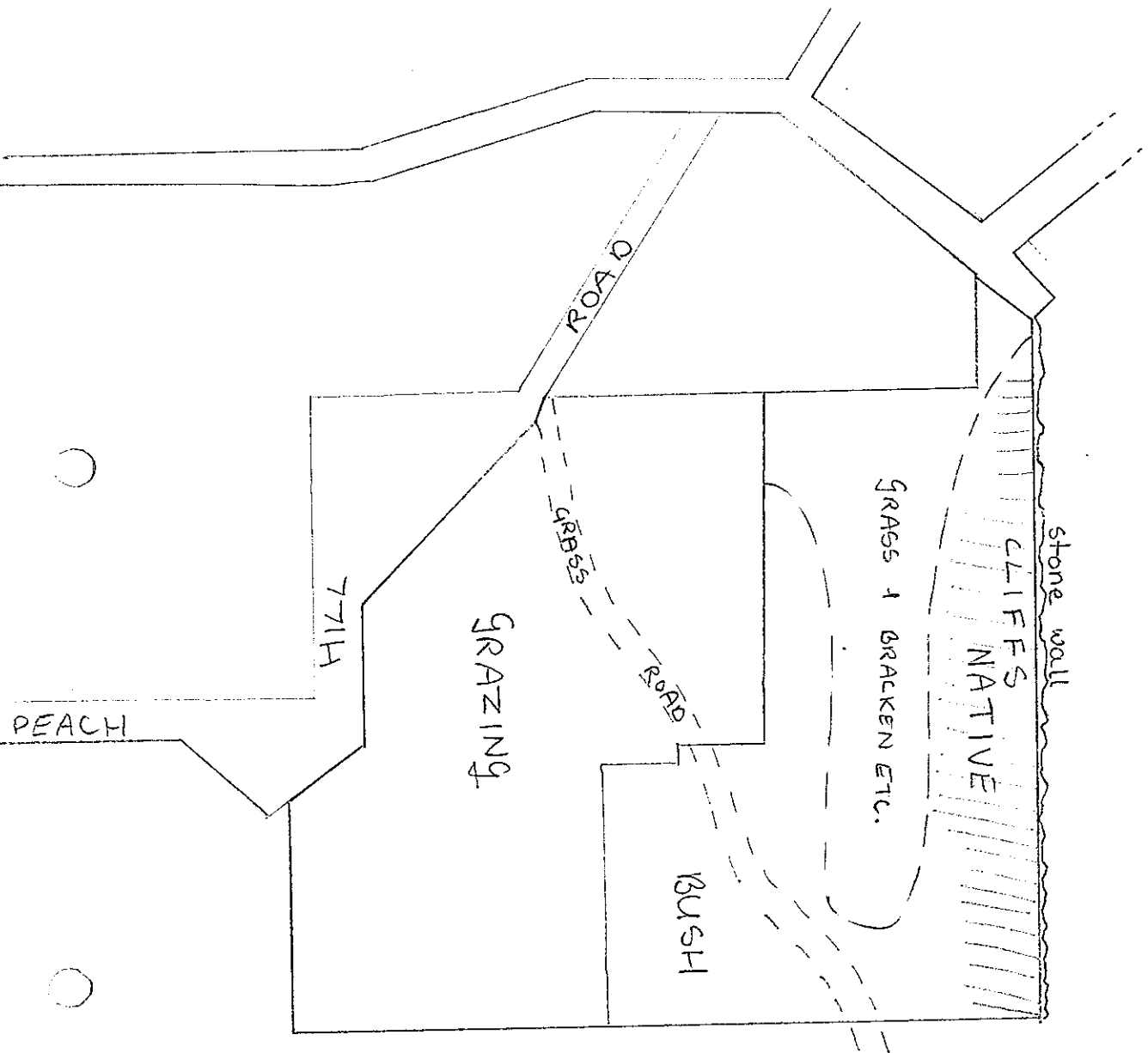
This reserve's main attraction is its historical significance but the native bush present could become a very attractive addition to this. If the bush is adequately fenced, pests controlled and planting occurs in the open areas then it could become a picturesque and useful native reserve.

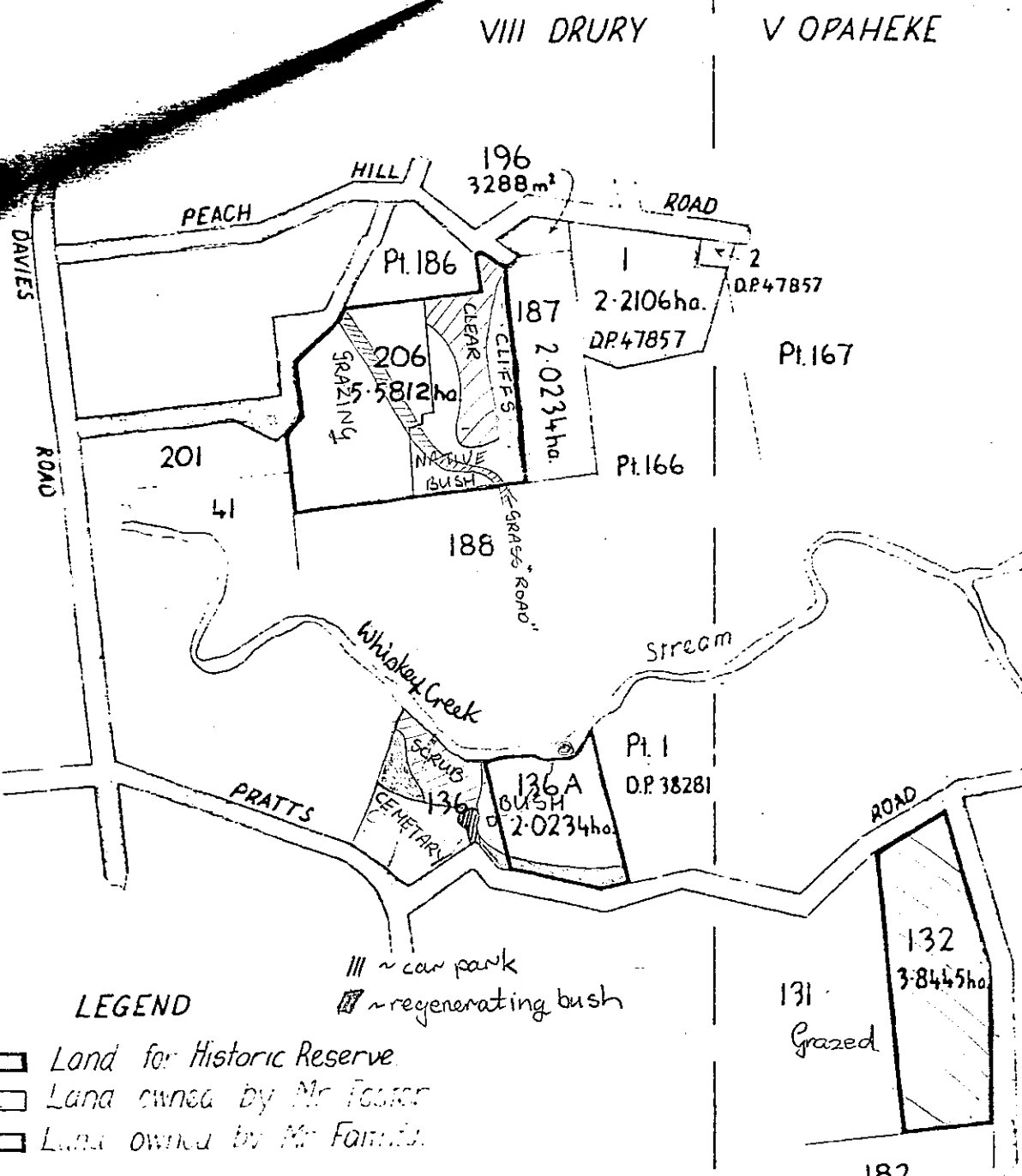
K.D. Richards:

January 1981:

KDR:PMT

MAKETU PA





LEGEND

- Land for Historic Reserve.
- Land owned by Mr Foster
- Land owned by Mr Farnes.

Total Area : 16 0119 ha.

Plan of
Allots 132, 136A, 187, 196 & 206, and Lot 1 D.P. 47857
Sub. Sec. 2, Opaheke Parish.