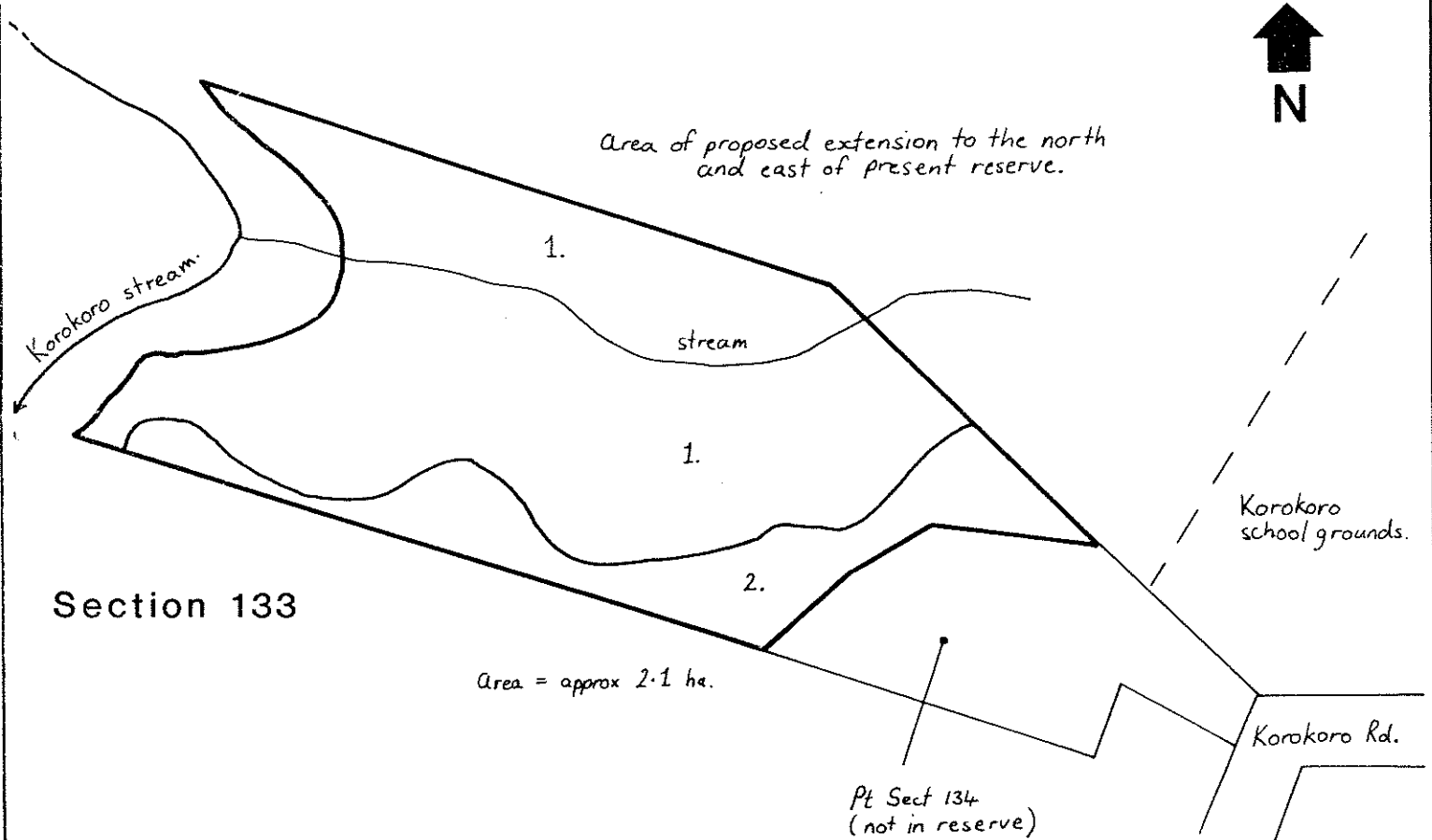




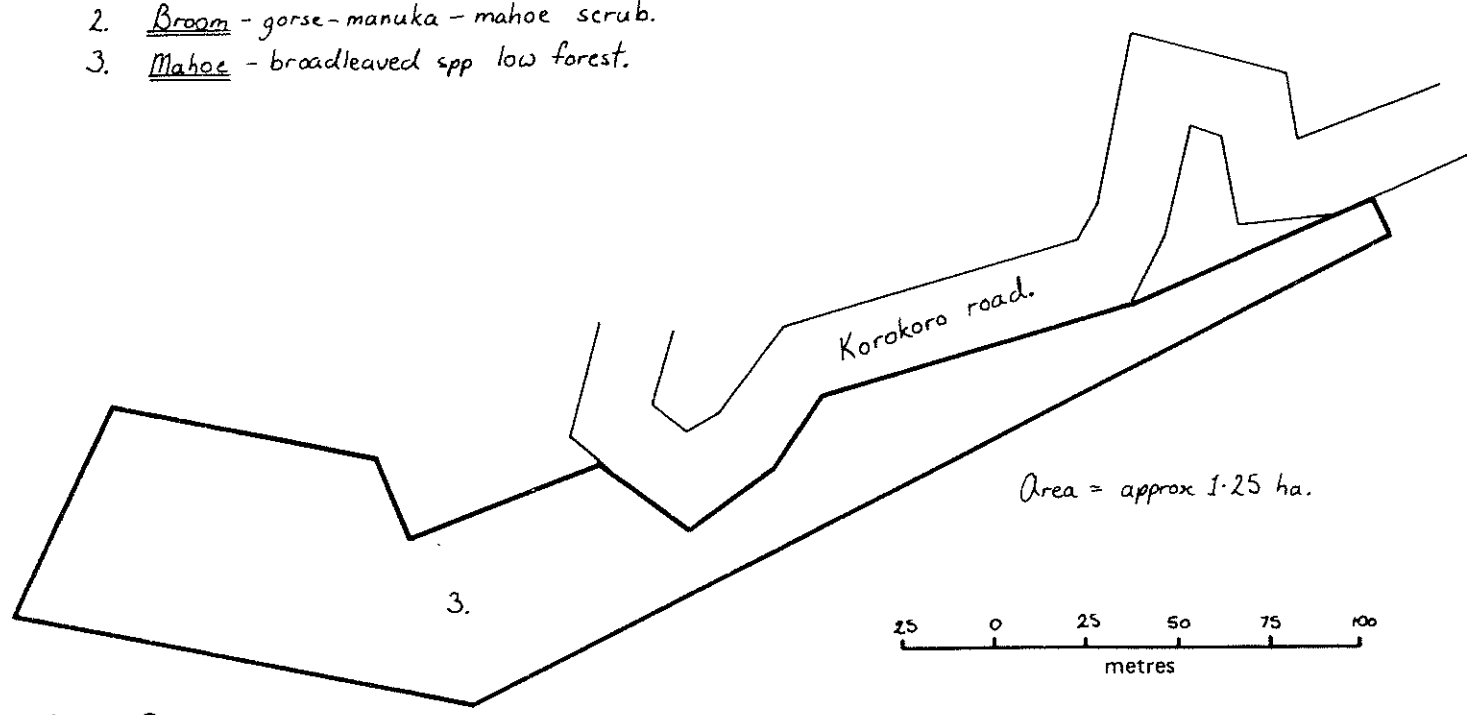
Area of proposed extension to the north and east of present reserve.



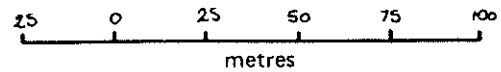
Section 133

Area = approx 2.1 ha.

1. Mahoe forest.
2. Broom - gorse - manuka - mahoe scrub.
3. Mahoe - broadleaved spp low forest.



Lot 3



Korokoro Scenic Reserve

Area: 3.3745 ha

KOROKORO SCENIC RESERVE						GRID 664 966 Lot 3 REF R 27 663 974 Section 133	
for: scenery <input checked="" type="checkbox"/> bush <input checked="" type="checkbox"/> scrub/tusssock etc <input type="checkbox"/> wetland <input type="checkbox"/> plants <input type="checkbox"/> animals <input type="checkbox"/> geology/soil <input type="checkbox"/> history/prehistory <input type="checkbox"/> water supply <input type="checkbox"/>							
LOCATION Off Korokoro Road, Petone.				AREA ha/ha ² 3.3745			
ACCESS Lot 3 via Korokoro Road. Access to Section 133 via Korokoro School grounds.				L.D. No.			
OUTLINE & TOPO Lot 3 is a steep face formed by the Wellington Fault, overlooking the industrial area of Petone. Section 133 consists of approximately half of a small stream catchment running into the Korokoro stream.				STATUS Scenic			
SURROUNDINGS Lot 3 - Korokoro Road along upper margin. Industrial area along lower margin. Section 133 - Secondary scrub along northern boundary, farmland and scrub along southern boundary, forest and school grounds to the east.				RES sub-Cttee			
GEOLOGY Steep slopes in greywacke hill country.				CONTROL Petone Borough Council			
SPM Greywacke colluvium.				GAZETTED 1956/1189, 1959/289			
SOIL Makara steepland soils - central yellow brown earth.				RESERVED			
DRAINAGE				HISTORY			
				AIR PHOTO SN 5497 E/9 date 1980			
				nearby town 1.0 km or less - Petone			
				nearest reserve 1.0. Percy Scenic Reserve			
				public road 0 km Korokoro Road			
				sea (km) 0.5 Wellington Harbour			
				ALTITUDE m/ha ² Lot 3 - 20 to 60 m Section 133 - 20 to 100 m			
				ASPECT Lot 3 Southeast Section 133 north and south			
				RAIN mm/ha ² 1293 (approx)			
				NAT FERTILITY Medium			
MAIN HABITATS and FEATURES							
RES		NOT					
LD	LZ	LD	LZ				
✓	✓	✓	✓				
1. <u>Mahoe</u> - (mamaku)-(ngaio)-(karaka) forest on steep colluvial slopes.				50.2	1.7	✓	✓
2. <u>Broom</u> - gorse-manuka-mahoe scrub.				12.7	0.4	✓	✓
3. <u>Mahoe</u> - mixed broadleaved low forest and scrub on very steep colluvial slopes.				37.1	1.25	✓	✓
1. Secondary mahoe forest with areas of mamaku, ngaio (especially on spurs) and karaka (gully bottom near stream). Kohekohe is also present along the stream and some tawa is present. In the upper portion of the gully (outside reserve) are a number of large pukatea trees. Other species present include titoki and kohuhu. The understorey is dominated by kawakawa and with lesser amounts of rangiora. It reaches up to 3-4m. Litter, ferns and seedlings are present on the ground floor. The ferns: <i>Asplenium oblongifolium</i> , hen and chicken fern and hound's tongue fern are common near the stream.							
2. Secondary scrub up to 4m tall consisting mainly of broom but also with areas of gorse and a small stand of manuka. Some blackberry is present. The ground cover consists of introduced grasses and weeds. Some native species are regenerating in the scrub, most notably mahoe especially along the margin adjacent to the main forest.							
3. Species present include five finger, pohutakawa, kohuhu, tutu, rangiora, rewarewa and young northern rata. In the gully at the western end of Lot 3 regeneration is more advanced with litter and ferns such as <i>Asplenium oblongifolium</i> and hound's tongue fern on the floor. Along the upper margin adjacent to Korokoro Road broom, tree lucerne, pohuehue, Japanese honey-suckle and introduced grasses and weeds are common.							
				100	3.35		
CONDITION Generally good with good regeneration. Section 133 - much rubbish in stream, damage to forest floor in places resulting from the activities of children (sliding etc.).							
FENCING Section 133 - fenced along southern boundary adjacent to farmland, fencing unnecessary elsewhere.							
PRIORITY None.							
RATING 0-10							
SCIENTIFIC 1							
SCENIC 3 Most attractive forest lies outside the reserve boundary (Section 133).							
RECREATION 2 Section 133 has potential walking access to Korokoro stream.							
CONCLUSIONS and RECOMMENDATIONS							
Although small in size Lot 3 provides an attractive backdrop to a portion of the Western Hutt Road and adjacent industrial area. Both areas included in the Korokoro Reserve are important in that they protect steep slopes from erosion.							
The reserve area adjacent to Korokoro school (i.e. Section 133) should be extended to the north and east to include the remainder of the regenerating scrub and forest areas and the small remnant of pukatea in the gully. If this was done the reserve could be made more accessible to the public with clear signposting and perhaps the development of a track to the Korokoro stream. At present a good deal of damage to the gully slopes is done by local school children and some public education in this regard would be appropriate.							
3 hours Fine conditions DJC, MCW January 1984							

¹ NATURALNESS

² TREND: D deteriorating; S steady; I improving

REFERENCES

%	SUMMARY	HABITATS													ORGANISMS		INFER		OBSERVED									
		WATER/SHORE		large	small	several	fill/cut/stable	overhang	emergent	herbaceous	cliff	rock	stony	s+shingle	mud	organic	rubbish	eutrophic	poll-ution	access	a - adjoins reserve	N	S	M	N	L	M	H
87.3	tall conifer ¹ forest/trees	sw/lw coast																		higher native plants	62							
12.7	conifer ² forest/trees	sw/lw beach																		lower plants								
	beech forest/trees	sw/lw estuary																		exotic plants	38							
	BL ³ forest/trees	sw/lw rockpool																		exotic plants								
	scrub/shrubs <5m	lake 120m +																		bush								✓
	tall tussocks/grassland	pool/larn																		exotic plants								✓
	short tussocks/grassland	river 5m +																		in native								✓
	grassland/grasses	stream																		higher freshwater plants								
	sedge/land/sedges	spring/seepage																		lower freshwater plants								✓
	rushland/rushes/raupo																			native mammals								
	herbland/herbs																			native birds								✓
	"tussock" herbland ⁴																			introduced birds								✓
	fernland/ferns																			waterfowl s.l.								✓
	"moss" fern																			introduced waterfowl								✓
	bracken																			reptiles								
	exotic grassland																			native/introduced amphibia								
	exotic herbland/woodland																			fw native fish								
	exotic scrub/shrubs																			fw introduced fish								
	exotic forest/trees																			fw invertebrates								
	introduced "native" cover																			terrestrial invertebrates								
	bog/swamp/pakihi																			saltwater life								
	marsh sw/lw																											
	mudflat sw/lw																											
	bluff/rocks																											
	bluffs/rocks in bush																											
	waterfall																											
	cave/gorge																											
	gravel habitat/screen																											
	dune/sand																											
	limestone																											
	ultrahastics																											
	geological site																											
	breeding ground																											
	rare/interesting animals																											
	rare/interesting plants																											
	historic site																											
	historic building																											
	prehistoric site																											
	camp /midden/pits																											
	terraces/earthworks																											
	burial/tapu																											

¹ tall conifer: kahikatea, kauri, matai, miro, rimu, totara ² remaining 11 tree-sized spp ³ broadleaved ⁴ e.g. flax ⁵ incl. rough grassland, pasture etc

TREES AND SHRUBS

Native

Alectryon excelsus
Aristotelia serrata
Beilschmiedia tawa
Brachyglottis repanda
Coprosma grandifolia
C. repens
C. robusta
Cordyline australis
Coriaria arborea
Corynocarpus laevigatus
Dysoxylum spectabile

Elaeocarpus dentatus
Fuchsia excorticata
Geniostoma rupestre var.
Griselinia lucida
Hebe stricta var. *atkinsonii*
Hedycarya arborea
Knightia excelsa
Laurelia novae-zelandiae
Leptospermum ericoides
L. scoparium
Macropiper excelsum

Meliccytus ramiflorus
Metrosideros robusta
Myoporum laetum
Myrsine australis
Olearia paniculata
Pittosporum tenuifolium
Podocarpus totara
Pseudopanax arboreus
P. crassifolius
Rhopalostylis sapida
Schefflera digitata

Adventive

Acer pseudoplatanus
Chamaecytisus palmensis
Cytisus scoparius
Escallonia rubra

Ligustrum sp.
Metrosideros excelsa
Pinus radiata

Pinus sp.
Rosa rubiginosa
Ulex europaeus

CLIMBERS, LIANES ETC.

Native

Freycinetia baueriana ssp. *banksii*
Muehlenbeckia australis

Parsonsia heterophylla
Ripogonum scandens

Rubus cissoides

Adventive

Calystegia silvatica
Hedera helix
Lathyrus latifolius

Leycesteria formosa
Lonicera japonica
Rubus fruticosus

Senecio angulata
Tradescantia fluminensis

GRASSES, RUSHES AND LIKE PLANTS

Native

Cortaderia toetoe

Dichelachne crinita

Luzula banksiana

Adventive

Anthoxanthum odoratum
Briza maxima

Bromus catharticus
Dactylis glomerata

Holcus lanatus

HERBS

Native

Collospermum hastatum
Galium propinquum

Oxalis sp.

Solanum nodiflorum

Adventive

Allium triquetrum
Anagallis arvensis
Brassica rapa
Chrysanthemum leucanthemum
Conium maculatum

Conyza sp.
Crepis capillaris
Crococsmia X crocosmiiflora
Foeniculum vulgare
Galium aparine

Linum marginale
Sonchus oleraceus
Stachys silvatica
Trifolium dubium

FERNS

Native

Alsophila tricolor
Anarthropteris lanceolata
Asplenium bulbiferum
A. oblongifolium
Blechnum chambersii
B. filiforme
B. membranaceum
B. sp. (*B. capense* agg. - common spp.)

Lastreopsis glabella
L. hispida
Leptopteris hymenophylloides
Pellaea rotundifolia
Phymatosorus diversifolius
P. scandens

Polystichum richardii
Pteridium esculentum
Pteris macilentata
Pyrrhosia serpens
Sphaeropteris medullaris

