

appendix 5 conservation overlay (schedule of sites)

Table 5.1 conservation overlay

Site Name	Site No.	Planning Map (left side)	Grid reference	Vegetation types	Vegetation condition	General description	Ranking
Oananga Bay	1	43	NZMS 260 026 150 585	Alluvial forest	Potential for regeneration	Valley floor: kanuka with emergent matai grading up to beech/podocarp forest on the upper slopes	Regional importance
Whangamoā River mouth	2	44	NZMS 260 027, 561 112	2.25ha coastal wetland	Largely unmodified	Tiny remnants of pingao and spinafex on the sand spit.	Regional importance
Whangamoā River mouth	3	44	NZMS 260 026, 559 108	0.25ha significant freshwater wetland remnant	Periodically grazed		Regional importance
Whangamoā River mouth	4	44	NZMS 260 026, 554 113	0.5ha alluvial forest	Mature, some regeneration	Alluvial forest: podocarps, mainly kahikatea, matai and totara emergent over titoki, black beech, tawa, kowhai, lacebark and other hardwoods.	Regional importance
Whangamoā River (true left bank)	5	44	NZMS 260 026, 557 102	3ha of alluvial forest	Mature, minor regeneration, subject to flooding and some stock grazing		
Whangamoā River mouth	6	44	NZMS 260 026, 548 108	Coastal forest	Mature, regenerating		
Whangamoā River mouth	7	44	NZMS 260 026, 543 109	Coastal forest	Mature, regenerating		
Whangamoā River mouth	8	44	NZMS 260 026, 543 109	Coastal forest			
Pepin Island	9	36 & 46	Information unavailable	Coastal forest		Fenced with pest control undertaken by the owner.	Not ranked

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Delaware Bay	10	37 & 46	NZMS 260 027, 494 041	1ha alluvial forest	Mature, some regeneration	Intact sequences of plants, ranging from subtidal algae through to remnant coastal forest above Wakapuaka salt marsh and on Bishops Peninsula. Remnant of coastal akeake (<i>Dodonea viscosa</i>) on sand spit uncommon. Wakapuaka river has original native vegetation riparian cover along it, near Hira.	Regional importance
Delaware Bay	11	37 & 46	NZMS 260 027, 489 032	5ha alluvial forest	Mature, extensive regeneration on 70% of site (fenced)		Regional importance
Delaware Bay	12	37 & 46					Regional importance
Delaware Bay	13	37	NZMS 260 027, 474 035	2.5ha alluvial forest	Mature, vigorous regeneration		
Delaware Inlet - Bishop peninsula	14	36 & 46	NZMS 260 027, 465 039	6.75ha coastal forest	Ranges from regeneration to mature		
Wakapuaka river mouth	15	36 & 46	NZMS 260 027, 458 035	1ha mature alluvial forest	Mature, little regeneration (flooding prevents fencing)		
Cable Bay	16	36 & 46	NZMS 260 027, 445 045 and 449 038	3 sites of mature coastal forest	Mature		

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Cable Bay	17	36 & 46	NZMS 260 027, 447 050	1ha mature coastal forest	Mature, good regeneration		Regional importance
Cable Bay	18	36 & 46	NZMS 260 027, 442 051	0.6ha coastal forest	High health forest with minimal understory or tree top grazing		
Cable Bay Road	19	40	NZMS 260 027, 433 004	Coastal forest; Mixed broad-leaved forest	High health forest with minimal understory or tree top grazing	This forest is very diverse with many examples of the mature canopy trees associated with this type of forest: titoki, tawa, hinau, nikau, kahikatea & rimu, with an equally diverse understory.	Regional importance
Cable Bay Road	20	38 & 49	NZMS 260 027, 424 005	Coastal forest; Mixed broad-leaved forest			
Between The Glen and Cable Bay	21	36 & 46	NZMS 260 027, 430 036	Coastal forest 139.5ha		<p>Primary and secondary forest mosaic dominated by tawa, black beech, hard beech and kamahi.</p> <p>Two notable species are karaka and nikau. Coastal flax, kanuka, akiraho, mahoe, found at sea level grading to highly mixed forests of titoki, tawa, beech species, kamahi, kanuka, kowhai and broadleaf, with emergent totara, kahikatea and rimu.</p>	Queen Elizabeth II Open Space Covenant
Between The Glen and Cable Bay	22	38 & 46	NZMS 260 027, 427 022	Coastal forest 91.51ha	Approximately 50% mature coastal forest, 50% regenerating scrub	Mainly hard beech, black beech and kamahi with scattered emergents of rimu and miro. Also kahikatea, kanuka and lancewood.	Queen Elizabeth II Open Space Covenant

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The Glen	23	2, 38 & 46	NZMS 260 027, 415 016	Coastal forest		Mixed coastal broadleaved forest - titoki, tawa, southern rata, kamahi, hinau, mahoe, black beech, broadleaf with some karaka and nikau.	National importance Conservation Covenant
The Glen	24	38	NZMS 260 027, 417 012	Coastal forest			
The Glen	25	38	NZMS 260 027, 407 012	Coastal forest			
The Glen	26	2, 38	NZMS 260 027, 407 018	Coastal forest			
Wakapuaka (adjacent to oxidation pond)	27	39	NZMS 260 027, 376 996	Coastal wetland		Raupo swamp	Department of Conservation and Nelson City Council land area for possible regeneration project
Sharlands Creek	28	52	information unavailable			Lowland kanuka forest grading into pockets of black beech forest near Sharlands Creek confluence with the Maitai River.	Regional/local importance Conservation Covenant
Todds Valley	29	48	NZMS 260 027, 396 972	Semi-coastal	Mature, good regeneration	Broadleaf	
Marybank (Atawhai)	30	3 & 4	NZMS 260 027, 370 976	Coastal forest		Kanuka-manuka forest and scrub. Small remnants of coastal mixed broad leaved forest and scrub along the foothills.	Moderate
Marybank Road	31	3 & 4	NZMS 260 027, 370 976	Coastal forest			
Marybank (Atawhai)	32	4	NZMS 260 027, 369 974	Coastal forest	Moderate to poor condition		

Site Name	Site No.	Planning Map (left side)	Grid reference	Vegetation types	Vegetation condition	General description	Ranking
Saxton Island	33	54	information unavailable	Saltmarsh	Moderate colonisation	Estuarine fringes showing a diverse range of estuarine trees, shrubs and herbaceous plants including: <u>Trees and shrubs:</u> Karamu, taupata, karaka, manuka, mingimingi, Melicytus crassifolius (Hymenanthera crassifolia), Muehlenbeckia australis, pohuehue, ngaio, mapau/mapou, wharariki, makaka/runa <u>Ferns:</u> Kowaowao, rahurahu, leather fern <u>Grass-like plants:</u> Sedge, tussock, rush <u>Herbs:</u> Panake, succulent, ngara ngara, glasswort, maakoako, remuremu, sea blite.	
Aniseed Valley	34	57	NZMS 260 027, 310 825	Ultramafic vegetation grading into lowland forest	Mature, good regeneration	Ultramafic vegetation and lowland podocarp, broadleaf, beech forest.	Regional importance
Aniseed Valley	35	57	NZMS 260 027, 306 828	Alluvial forest	Mature, good regeneration		Conservation Covenant
Aniseed Valley	36	57	NZMS 260 027, 306 828	Alluvial forest	Mature, good regeneration		Conservation Covenant
Aniseed Valley	37	57	NZMS 260 027, 311 828	2ha and 8ha areas of alluvial forest	Mature. The 2ha block has high species diversity and several rare or locally notable plants	Remnant of tall alluvial podocarp beech forest dominated by matai and black beech.	Queen Elizabeth II Open Space Covenant