

200d1/1	incised hillslope	pasture		dairy	farm														1	1	2	57
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Sample Reach	Channel Form	Bank Vegetation		Land-use Type	Property	Bed and Bank Scour			Deposits			Bank Collapse			Sheetwash			Tributary			Total	Length
		Primary	Secondary			Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected		
200d1/2	incised hillslope	pasture	planted trees (open)	dairy	farm					1									1		2	49
200d1/3	incised hillslope	pasture	Bush (scattered)	dairy	farm					11											11	40
200d1/4	infilled hillslope	pasture	Bush & planted trees (scattered)	dairy	farm					8						28					36	36
200d2	incised hillslope	pasture	Bush (open)	dairy	farm	25			79				32			347			3	1	487	543
200d3	incised hillslope	pasture	Bush (open)	dairy	farm				44							83			2		129	268
200d4	infilled hillslope	Wetland (grazed)	Pasture & bush (scattered)	dairy	farm														2		2	14
204d1	infilled valley	rank grass	Bush & planted trees	dairy	farm							23									23	57
204d2	incised hillslope	bush		dairy	farm	30			16						1			1			48	164
204d3/1&2	incised hillslope	planted trees	Bush (scattered)	dairy	farm	19			19												38	177
204d3/3	incised hillslope	pasture	Scrub (scattered)	dairy	farm																0	197
204d3/4	infilled hillslope	Wetland (grazed)	Pasture	dairy	farm														2		2	38
204d4	incised valley	bush		dairy	farm	8			1						106			2			117	243
204q1	incised valley	bush		quarry	farm													1			1	92
204q2	infilled valley	rank grass	planted trees	quarry	farm						1										1	237
204q3	infilled valley	rank grass	planted trees & bush	quarry	farm						1										1	263

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		Primary	Secondary			Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected		
204q4	incised valley	planted trees	rank grass & indigenous trees (scattered)	quarry	farm																0	25
204q5	incised valley	bush		quarry	farm	1															1	65
204q6	infilled valley	bush	rank grass	quarry	farm				4					9							13	37
20p1	incised lowland	pasture	bush	drystock	farm								25	,		20	6			2	53	181
20p2	infilled lowland	swampy grass	pasture	drystock	farm	2							25						2		29	106
214p1/1	infilled valley	Wetland (grazed)	pasture	drystock	farm					17									2		19	182
214p1/2	infilled valley	swampy grass	pasture	drystock	farm	39				92									2		133	242
214p1/3	infilled valley	Wetland (grazed)	pasture	drystock	farm					35											35	124
214p1/4	infilled valley	swampy grass	planted trees (scattered)	drystock	farm			5									19			1	25	65
214p2/1	infilled hillslope	swampy grass	planted trees (scattered)	drystock	farm	10			10	37							5		2	1	65	174
214p2/2	infilled hillslope	pasture		drystock	farm					10						14			1		25	178
226s1/1 wh?	infilled hillslope	Bush (grazed)		Conservation	farm	4	73		1							31					109	204
226s1/2 wh?	infilled hillslope	Scrub (grazed)		Conservation	farm				1							28		1			30	57
226s2 cv?	infilled hillslope	Wetland (grazed)	scrub	Conservation	farm											137		1			138	220
227s cv?	infilled hillslope	wetland	scrub	Conservation	reserve																0	280
243b1/1&	incised	bush		Conservation	reserve																0	56

3	hillslope			tion																		
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Sample Reach	Channel Form	Bank Vegetation		Land-use Type	Property	Bed and Bank Scour			Deposits			Bank Collapse			Sheetwash			Tributary			Total	Length
		Primary	Secondary			Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected		
243b1/2	infilled hillslope	bush		Conservation	reserve	2			1									1			4	65
243b2/1&3	incised hillslope	bush		Conservation	reserve	6															6	112
243b2/2&4	infilled hillslope	bush		Conservation	reserve																0	86
246b1	infilled valley	bush		Conservation	lifestyle	6			2									1			9	97
246b2	infilled valley	bush	scrub	Conservation	lifestyle													1			1	61
246b3	infilled valley	bush		Conservation	lifestyle						134							2			136	250
246b4 cv?	infilled hillslope	bush		Conservation	lifestyle	10			62									2			74	133
246b5	incised hillslope	bush		Conservation	lifestyle	26			19												45	127
246p1	incised valley	swampy grass	Bush (scattered)	drystock	lifestyle					74											74	123
246p2/1	incised valley	bush		drystock	lifestyle																0	30
246p2/2	incised valley	planted trees	scrub & rank grass	drystock	lifestyle																0	64
246p3/1	incised hillslope	swampy grass	Pasture & planted trees	drystock	lifestyle	5															5	127
246p3/2	incised hillslope	swampy grass	Bush & scrub	drystock	lifestyle																0	102
24d1	infilled lowland	swampy grass	rank grass & exotic scrub	dairy	farm						13	2						1			16	50
24d2	infilled lowland	pasture(rb)	Wetland & scrub (lb)	dairy	farm		49						10								59	59
282g1	infilled valley	swampy grass	pasture	drystock	farm					42			13			22					77	253
282g2/1	incised hillslope	pasture		drystock	farm								69								69	69

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		Primary	Secondary			Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected		
282g2/2	incised hillslope	pasture	Scrub (scattered)	drystock	farm	20							25								45	45
282g3/1	incised hillslope	pasture		drystock	farm	6				31											37	70
282g3/2	incised hillslope	pasture	planted trees (scattered)	drystock	farm		17												2		19	146
283p1/1	incised hillslope	pasture	Wetland (scattered)	drystock	farm	6													2		8	31
283p1/2	infilled hillslope	pasture	wetland	drystock	farm	6			19										1		26	96
283p2	infilled hillslope	pasture	wetland	drystock	farm	10		1	1	7			12						1		32	180
283p3	infilled hillslope	Wetland (grazed)	pasture	drystock	farm	6			2	168									7		183	329
283p4	infilled hillslope	Wetland (grazed)	pasture	drystock	farm	2				38			71						1		112	148
283p5/1	infilled hillslope	pasture	wetland	drystock	farm	28			16	149									2		195	269
283p5/2	incised hillslope	pasture		drystock	farm	3				?									2		5	45
28b1	incised valley	bush	Scrub (lb)	Conservation (rb) drystock (lb)	farm	7			5												12	82
28b2	infilled valley	bush	Scrub (lb)	Conservation	farm	9															9	74
28b3	incised valley	bush	Scrub (lb)	Conservation (rb) drystock (lb)	farm	23			10			5									38	102
28b4	infilled valley	bush		Conservation	reserve				8									1			9	55
28b5	infilled valley	bush		Conservation	reserve	50			35									3			88	200
28p1	incised	pasture	planted	drystock	farm	2	22		25			9									58	98

	valley		trees																			
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Sample Reach	Channel Form	Bank Vegetation		Land-use Type	Property	Bed and Bank Scour			Deposits			Bank Collapse			Sheetwash			Tributary			Total	Length
		Primary	Secondary			Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected		
28p2	infilled hillslope	Wetland (grazed)	pasture	drystock	farm							15									15	59
28p4	infilled hillslope	swampy grass	wetland	drystock	farm					9									1		10	63
28t1	infilled hillslope	wetland	pinus	plantation	farm																0	79
28t2/1	infilled valley	wetland	rank grass	plantation	farm	25					21	8						2			56	214
28t2/2	infilled hillslope	wetland	rank grass	plantation	farm	19						8						1			28	105
28t3	incised hillslope	pinus	rank grass & scrub	plantation	farm							1									1	110
2u1	incised lowland	bush		urban		22									17			1			40	62
2u2	incised lowland	bush(rb)	rank grass & scrub(lb)	urban		8						4			34					2	48	223
2u3	incised lowland	Bush & planted trees (rb)	rank grass & scrub (lb)	urban					16			5			40					1	62	80
2u4	incised lowland	Bush (rb)	rank grass & scrub (lb)	urban													15				15	52
2u5	incised lowland	bush		urban														2		1	3	274
30p1/1	incised lowland	rank grass	planted trees & scrub (scattered)	drystock	lifestyle				22			76						1		1	100	204
30p1/2	incised lowland	bush		drystock	lifestyle				59			47						1			107	205
30p1/3	incised lowland	bush	rank grass (rb) & planted trees (scattered)	drystock	lifestyle				47												47	117

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		Primary	Secondary			Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected		
30p1/4	incised lowland	scrub	planted trees (scattered)	drystock	lifestyle							25									25	49
30p1/5	incised lowland	rank grass	planted trees (lb)	drystock	lifestyle				81			11									92	182
30p1/6	incised lowland	rank grass	Bush (rb) & planted trees (scattered)	drystock	lifestyle				11												11	69
42t1	incised valley	pin	scrub	plantation	commercial				34									1			35	135
42t2	infilled valley	pin	scrub	plantation	commercial				51									1			52	149
46p1	infilled lowland	pasture		drystock	lifestyle					10											10	30
46p2	infilled lowland	swampy grass	pasture	drystock	lifestyle															1	1	110
56p	incised lowland	Bush (lb)	rank grass & bush (rb)	drystock	farm	18						24									42	162
56p1	infilled lowland	pasture?	Bush & scrub	drystock	farm	10						3							1		14	43
56p2	infilled lowland	swampy grass	Scrub (scattered)	drystock	farm	16															16	182
56p3	infilled valley	wetland?	scrub & planted trees (scattered)	drystock	farm																0	119
56p4	infilled hillslope	swampy grass	Wetland (scattered)	drystock	farm	9															9	192
56p5	incised hillslope	pasture		drystock	farm														1	1	2	60
61p1	infilled lowland	planted trees	pasture	woodlot	farm											3		1			4	156
61p2	infilled lowland	planted trees	pasture	woodlot	farm													1			1	51

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		Primary	Secondary			Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected		
61p3	infilled lowland	swampy grass	Pasture (lb) & planted trees (rb)	drystock	lifestyle					82									1		83	131
61p4	infilled lowland	wetland	pasture	drystock	lifestyle																0	83
61p5	infilled lowland	swampy grass	Pasture & scrub (scattered)	drystock	lifestyle					65											65	222
61p6	infilled lowland	swampy grass	Pasture & scrub (scattered)	drystock	lifestyle					97						49	31				177	222
61p7	infilled lowland	planted trees	rank grass (sparse)	woodlot	farm	24			12												36	83
61p8	infilled lowland	planted trees	rank grass (sparse) & scrub (scattered)	woodlot	farm	26			5									1			32	135
61p9	infilled lowland	pasture	Wetland & scrub (scattered)	drystock	lifestyle		25														25	82
61t1	infilled lowland	Pines (felled)	rank grass (lb) & pasture (rb)	plantation	farm	21											7		2		30	225
61t2	infilled lowland	Pines (felled)	rank grass	plantation	farm												22		1		23	123
61t3	infilled lowland	pin	pasture	plantation	farm											20			1		21	101
61t4	infilled lowland	pin	Scrub & pasture	plantation	farm				3							47					50	234
61t5	infilled lowland	pin	Pasture & scrub	plantation	farm						50					18					68	141
61t6	infilled lowland	pin	Scrub (scattered)	plantation	farm																0	136
68p1/1	incised lowland	pasture	bush	drystock	farm											4			1		5	116

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		Primary	Secondary			Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected	Natural	Stock-Affected	Machine-Affected		
68p1/2	incised lowland	pasture	bush	drystock	farm		5													1	6	81
68p2	incised lowland	pasture	bush	drystock	farm	1															1	52
68p3	incised lowland	pasture	bush	drystock	farm	8			1			18				11					38	128
68p4	incised lowland	pasture	bush	drystock	farm	9	16									29					54	197
68p5	incised lowland	Pasture/rank grass	Bush (scattered)	drystock	farm							6				113					119	180
68p6	incised lowland	Pasture/rank grass	Bush & weeds	drystock	farm							1				44					45	70
68p7	incised lowland	pasture/rank grass	weeds	drystock	farm							6									6	30
68p8	incised lowland	pasture/rank grass	bush	drystock	farm											106			4	1	111	351
68p9&10	incised lowland	pasture/rank grass	planted trees & bush	drystock	farm		6												2		8	67
7p1/1	incised lowland	rank grass	Scrub & bush (scattered)	drystock	farm																0	97
7p1/2	incised lowland	pasture/rank grass	Scrub & bush (scattered)	drystock	farm										17						17	98
7p1/3	incised lowland	pasture/rank grass	Scrub & bush	drystock	farm	1	22												1		24	183
7p1/4	incised lowland	pasture/rank grass	Scrub & bush	drystock	farm		4					19							1		24	418
7p1/5	incised lowland	pasture/rank grass	Scrub & bush	drystock	farm	6	26					54			26						112	450
86p1/1	infilled valley	wetland	swampy grass	dairy (former)	Lifestyle (lb) & farm (rb)																0	17
86p1/2	infilled valley	swampy grass	exotic scrub	dairy (former)	Lifestyle (lb) &																0	48



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86p1/3	infilled valley	swampy grass	Pines (rb)	dairy (former)	Lifestyle (lb) & farm (rb)																0	175
86p1/4	infilled valley	swampy grass	exotic scrub (scattered)	dairy (former)	Lifestyle (lb) & farm (rb)													1			1	135
86p1/5	infilled valley	swampy grass	Pines (bb?)	dairy (former)	Lifestyle (lb) & farm (rb)													1			1	85
86p2/1	incised valley	planted trees		woodlot	Lifestyle (lb) & farm (rb)						31										31	77
86p2/2	incised valley	planted trees	rank grass (lb)	dairy (former)	Lifestyle (lb) & farm (rb)			9			31						53	1			94	94
86p3/1	infilled valley	planted trees (rb)	rank grass (lb)	woodlot	Lifestyle (lb) & farm (rb)																0	340
86p3/2	infilled valley	planted trees (rb)	rank grass (lb) & scrub (planted)	woodlot	Lifestyle (lb) & farm (rb)						1										1	106
86p3/3	infilled valley	wetland	Scrub (planted)	dairy (former)	Lifestyle (lb) & farm (rb)						1										1	60
86p3/4	infilled valley	swampy grass	planted trees (scattered) & scrub (planted)	dairy (former)	Lifestyle (lb) & farm (rb)													1			1	150
86p3/5	infilled valley	swampy grass	exotic scrub & scrub (scattered)	dairy (former)	Lifestyle (lb) & farm (rb)												22			1	23	107
8p1	incised lowland	bush(rb)	rank grass & bush (lb)	drystock	farm	1						24						2			27	213

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8p2	incised lowland	pasture/rank grass	Scrub & bush	drystock	farm		5					24			1			1			31	86
8p3	incised lowland	pasture/rank grass	bush	drystock	farm							8				35		1			44	213
91p1/1&2	infilled valley	swampy grass	planted trees (scattered)	drystock	farm	6								3							9	80
91p1/3	infilled valley	swampy grass	pasture	drystock	farm	8	10												1		19	176
95o1/1	incised valley	planted trees(lb)	Bush (rb)	orchard																	0	28
95o1/2	incised valley	bush		orchard				9			54										63	169
95o2/1	infilled valley	planted trees	bush	orchard		2			2												4	69
95o2/2	infilled valley	bush		orchard		1			1		16			9							27	113
95p1/1	incised valley	rank grass	exotic scrub & bush	drystock	lifestyle	1															1	35
95p1/2	infilled valley	bush		drystock	lifestyle	2			2		1									1	6	81
95p1/3	incised valley	scrub	rank grass & bush (scattered)	drystock	lifestyle	23			1			24									48	135
95p1/4	incised valley	bush		drystock	lifestyle																0	102
95p2/1	infilled valley	Wetland (grazed)	Pasture & planted trees? (scattered)	drystock	lifestyle														1		1	71
95p2/2	infilled valley	wetland	Pasture & planted trees?	drystock	lifestyle																0	51
95p2/3&4	infilled valley	swampy grass?	bush	drystock	lifestyle	1															1	87

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95p3/1	infilled hillslope	planted trees	bush	drystock	lifestyle																0	42
95p3/2	infilled hillslope	planted trees	rank grass	drystock	lifestyle	1															1	120
95p3/3	infilled hillslope	rank grass	planted trees & wetland	drystock	lifestyle	6															6	63
95p3/4	infilled hillslope	rank grass	Scrub (planted) & wetland	drystock	lifestyle	23															23	80
95p4/1	infilled hillslope	Wetland (grazed)	pasture	drystock	lifestyle											1			1		2	97
95p4/2	infilled hillslope	Wetland (grazed)	Pasture & planted trees	drystock	lifestyle																0	63
95p4/3	infilled hillslope	Wetland (grazed)	Pasture & bush	drystock	lifestyle	4													1		5	44
95p4/4	infilled hillslope	Wetland (grazed)	pasture	drystock	lifestyle			1					2						2		5	132
59p1	infilled hillslope	pasture	scrub	drystock	farm										20	14					34	102
59p2	infilled hillslope	Wetland (grazed)	pasture	drystock	farm														2		2	62
273s1/1	incised hillslope	bush		Conservation	farm				11												11	66
273s1/2	incised hillslope	bush	Scrub (lb)	Conservation	farm	5												1			6	63
273s2	incised hillslope	bush	Scrub (lb)	Conservation (rb)/plantation (lb)	farm				11												11	175