








Appendix 7.3 RMC-K classes. Definitions and examples.

Class	Criteria for mapping	Examples from field assessment
Class 1	<p>Steep - LENZ > 10 degrees</p> <p>Source of flow - hills or mountains</p> <p>Mostly 1st order but may include up to 3rd</p> <p>Vegetation – predominantly forest, scrub, tussick, bare rock (i.e. natural)</p> <p>Channel type – predominantly CG, SG, EP, NP</p> <p>Rosgen type A streams</p>	<p>Only one site directly classified – N146; however N21 which is classified as Class 4 would be close</p> 
Class 2	<p>Not steep – LENZ < 10 degrees</p> <p>Source of flow - hills or mountains</p> <p>Mostly 1st order</p> <p>Vegetation - anything</p>	<p>Only 2 classified - N32, N33, but first order tributaries of upper Sherry River, upper Tadmor, and upper Motupiko fit.</p> 
Class 3	<p>Not steep – LENZ < 10 degrees</p> <p>Source of flow – lowland</p> <p>Mostly 1st or 2nd order</p> <p>Vegetation pasture</p> <p>Rosgen type C streams</p>	<p>N6 and N7</p> 
Class 4	<p>Not steep – LENZ < 10 degrees</p> <p>Source of flow – lowland</p> <p>Mostly 2nd or 3rd order</p> <p>Vegetation - forest</p> <p>Rosgen type B streams (B2-B3)</p>	<p>N30, N31, N51, N49, N55, N98</p> 
Class 5	<p>Not steep – LENZ < 10 degrees</p> <p>Source of flow – lowland</p> <p>Mostly 2nd or 3rd order</p> <p>Vegetation - pasture</p> <p>Rosgen type C and F streams (C4-F4)</p>	<p>N1, N10, N62, N69, N96, N118</p> 
Class 6	<p>Not steep – LENZ < 10 degrees</p> <p>Source of flow – lowland</p> <p>4th to 6th order</p> <p>Flow size < Class 5</p> <p>Vegetation - pasture</p> <p>Rosgen type B to C</p>	<p>N61, N29, N25, N84, N99, N100</p> 

Class 7	Not steep – LENZ<10 degrees Source of flow –lowland 6 th order Flow size Class 5 and 6 Vegetation – pasture ER, NR, FM Rosgen type C3-C4	N74, N14, N82, N156, N87 
Class 8	Tidal Rivers	N150, N16 