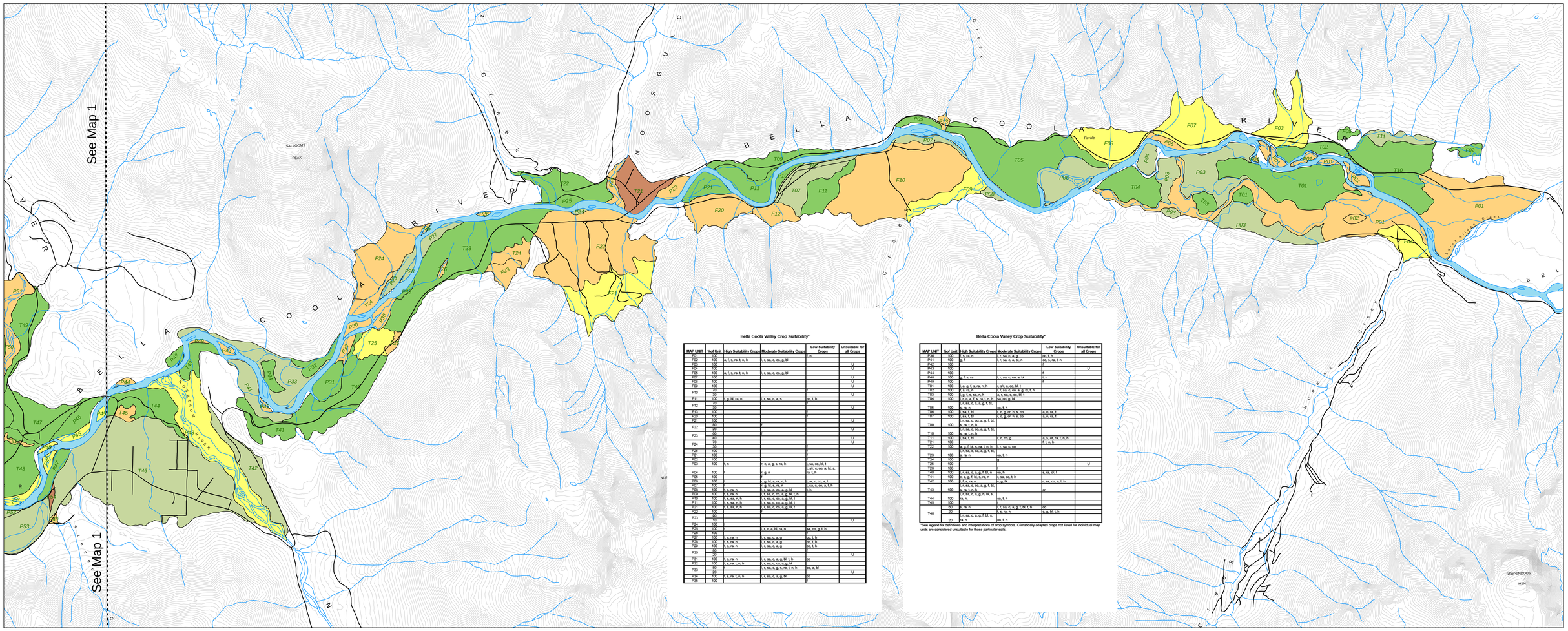
Bella Coola Valley Crop Suitability

A Project of the Bella Coola Valley Sustainable Agricultural Society



Bella Coola Valley Crop Suitability*

MAP UNIT	%of Unit	High Suitability Crops	Moderate Suitability Crops	Low Suitability Crops	Unsuitable for all Crops
P01	100			f, n	
P02	100	a, f, s, ra, t, n, h	r, sa, c, co, g, bl		
P03	100				U
P04	100				U
P05	100	a, f, s, ra, t, n, h	r, sa, c, co, g, bl		
P07	100				U
P08	100				U
P09	100				U
P10	70			f	
	30				U
P11	100	f, g, bl, ra, n	r, sa, c, a, s	co, t, h	
P12	70			g	
	30				U
P13	100			f	
P20	100			f	
P21	100				U
P22	80			f	
	20				U
P23	60			f	
	40				U
P24	70				U
	30			f	
P25	100			f	
P01	100			f	
P02	100			f	
P03	100	f, n	r, c, a, g, s, ra, h	s, sa, co, bl, t	
P04	100	f	r, g, n	s, sr, o, co, a, bl, s, ra, t, h	
P05	100	f	r		
P06	100	f	r, g, bl, s, ra, n, h	sr, c, co, a, t	
P07	100	f	r, g, bl, s, ra, n	s, sa, c, co, a, t, h	
P08	100	f, s, ra, n	r, t, sa, c, co, a, g, bl	t, h	
P09	100	f, s, ra, n	r, t, sa, c, co, a, g, bl, t, h		
P10	100	f, s, sa, n, h	r, t, sa, c, co, a, g, bl, t		
P11	100	f, s, sa, n, h	r, t, sa, c, co, a, g, bl, t		
P21	100	f, s, sa, n, h	r, t, sa, c, co, a, g, bl, t		
P22	100		r		
P23	90			f	
	10				U
P24	100	f			
P25	100	f	r, c, a, bl, ra, n	sa, co, g, t, h	
P26	100			f	
P27	100	f, s, ra, n	r, t, sa, c, a, g	co, t, h	
P28	100	f, s, ra, n	r, t, sa, c, a, g	co, t, h	
P29	100	f, s, ra, n	r, t, sa, c, a, g	co, t, h	
P30	80			f	
	20				U
P31	100	f, s, ra, n	r, t, sa, c, a, g, bl, t, h	co	
P32	100	f, s, ra, t, n, h	r, t, sa, c, co, a, g, bl	r	
P33	80		r, t, sa, c, g, s, ra, t, n, h	co, a, bl	
	20				U
P34	100	f, s, ra, t, n, h	r, t, sa, c, a, g, bl	co	
P35	100	f		g	

Bella Coola Valley Crop Suitability*

MAP UNIT	%of Unit	High Suitability Crops	Moderate Suitability Crops	Low Suitability Crops	Unsuitable for all Crops
P36	100	s, ra, n	r, t, sa, s, a, g	co, t, h	
P41	100	g, f	r, t, sa, c, a, bl, n	co, s, ra, t, n	
P42	100			f	
P43	100				U
P44	100			f	
P46	100	g, f, s, ra	r, t, sa, c, co, a, bl	t, h	
P49	100			f	
T01	100	a, g, f, s, ra, n, h	r, sr, c, co, bl, t		
T02	100	f, s, ra, n	r, t, sa, c, co, a, g, bl, t, h		
T03	100	g, f, s, sa, n, h	a, r, sa, c, co, bl, t		
T04	100	a, r, c, a, f, s, ra, t, n, h	sa, co, g, bl		
		r, t, sa, c, c, a, g, f, bl,			
T05	100	s, ra, n	co, t, h		
T06	100	r, sa, f, bl	r, c, g, sr, h, s, co	a, t, n, ra, f	
T07	100	r, sa, f, bl	r, c, a, sr, h, s, co	a, n, ra, t	
T09	100	r, t, sa, c, co, a, g, f, bl, s, ra, t, n, h			
T10	100	r, t, sa, c, co, a, g, f, bl, s, ra, t, n, h			
T11	100	r, sa, f, bl	r, c, co, g	a, s, sr, ra, t, n, h	
T21	100			r, t, n, h	
T23	100	a, g, f, bl, s, ra, t, n, h	r, sa, c, co		
		r, t, sa, c, co, a, g, f, bl,			
T23	100	s, ra, n	co, t, h		
T24	100	r	g		
T25	100	r			U
T26	100				
T40	100	r, sa, c, a, g, f, bl, n	co, h	s, ra, sr, t	
T41	100	cr, a, g, f, bl, s, ra, n	r, sa, co, t, h		
T42	100	g, f, s, ra, n	cr, a, bl	r, sa, co, a, t, h	
		r, t, sa, c, co, a, g, f, bl,			
T43	100	s, ra, t, n, h		sr	
		r, t, sa, c, a, g, h, bl, s,			
T44	100	ra, n,	co, t, h		
T45	100				
T46	80	s, ra, n	r, sa, c, a, g, f, bl, t, h	co	
	20		r, s, ra, n	cr, g, bl, t, h	
		r, t, sa, c, a, g, f, bl, s,			
	20	ra, n	co, t, h		

*See legend for definitions and interpretations of crop symbols. Climatically adapted crops not listed for individual map units are considered unsuitable for those particular soils.

0 625 1,250 2,500 3,750 5,000 Meters

1:20,000

This map should be used in conjunction with Bella Coola Valley Crop Suitability report as amended March 2008 and 'Soils of the Bella Coola Valley' (2007) Expanded Legend and Data Spreadsheet.

Base Maps: 93D 36 - 40, 45 - 50

Map 2 of 2

Legend

Generalized Crop Suitability

- Wide range of cropping options with dominantly high and moderate crop suitability
- Wide range of cropping options with dominantly moderate and low crop suitability
- Moderate range of cropping options
- Narrow range of cropping options or dominantly low crop suitability
- No cropping options
- Road
- 20 m contour
- River / Ocean

Crop Suitability*

H **High suitability** indicates those crops that are well suited to the soils and climate and require few management inputs to achieve an acceptable level of production.

M **Moderate suitability** indicates those crops that are moderately well suited to the soils and climate and require some management inputs to achieve an acceptable level of production.

L **Low suitability** indicates those crops that are not well suited to the soils and climate and require a considerable degree of management inputs to achieve an acceptable level of production.

U **Unsuitable for all crops**

Climatically Suited Crops**

l **Annual Legumes** (peas, beans)

r **Root Crops** (**b**eets, carrots, parsnips, potatoes, radishes, bulb onions and turnips)

sa **Shallow Rooted Annual Vegetables** (salad crops, including lettuce, spinach, parsley, celery and green onions)

c **Cole Crops** (broccoli, Brussel sprouts, cabbage, cauliflower, and kale)

co **Corn**

a **Asparagus**

g **Cereal Grains** (barley, fall rye, oats, wheat and winter wheat)

f **Perennial Forage Crops** (grass and grass clover)

bl **Blueberries and Currants**

s **Strawberries**

cr **Cranberries**

ra **Raspberries** (including blackberries, loganberries and tayberries)

t **Tree Fruits** (apples, cherries, plums and pears)

n **Nursery Stock and Christmas Trees**

h **Hazelnuts**

* Crop suitability definitions and interpretations based on and adapted from 'Soil Management Handbook of the Lower Fraser Valley' (Second Edition), BC Ministry of Agriculture, Fisheries and Food, Abbotsford, 1991. (N.B. Crop suitability is not an interpretation of economic feasibility for commercial production.)

** Excluding those crops considered limited to small scale, home or hobby garden production. See Bella Coola Valley Crop Suitability report as amended March 2008.

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