

Photo Fuel Plots: Penticton - Part 1

- **Carmil South Ellis**
#97-5-05-002-1
MS dm1—C3
- **Penticton**
#97-5-05-005-1
BG xh1—O1
- **Shingle Creek**
#97-5-05-007-1
IDF dm1—C3
- **Penticton**
#97-5-05-007-2
IDF dk2—C3
- **Penticton**
#97-5-05-008-1
MS dm1—C3
- **Naramata**
#97-5-05-008-2
MS dm1—C3
- **Penticton**
#97-5-05-008-3
MS dm1—C3
- **Penticton**
#97-5-05-008-4
IDF xh1—C3

TOWN: Carmil South Ellis

Photo Fuel Plot # 97-5-05-002-1



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	South East	Location	Carmill South Ellis
Slope (%)	23	GPS Coordinates	N49-27'53" W119-24'58.8"
Elevation (m)	1281	Map sheet	82E.043
Fuel Type	C3	Polygon #	n/a
Biogeoclimatic Zone	MSdm1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii</i>
LFH Layer	5cm	Secondary Species	<i>Pinus contorta</i>
Humus Form	mor	% Canopy Closure	5
Soil Order	Brunisol	Treatment Type	post and rail
Moisture Regime	subhygric	Year of Treatment	n/a
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	Sandy-clay	Average Tree Height (m)	13.89
CREW LIST		Average Height to Live Crown (m)	2.4
Penticton IA		Coarse Woody Debris Mass (t/ha)	106.7
		Fine Fuel Mass (t/ha)	3.2

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Arctostaphylos uva-ursi</i>	50	<i>Lupinus arcticus</i>	15
Secondary Species	<i>Juniperous communis</i>	30	<i>Achillea millefolium</i>	5

VEGETATION						
Unique #:		97-5-05-002-1		Location:		Carmil South Ellis
GPS co ordinates		N49-27'53"" W119-24'58.8"		Surveyors:		NJ, Penticton IA
Map#:	82E.043		Polygon #:			
Seedlings species		%	Brush species	%	Herbaceous species	%
			<i>Rosa acicularis</i>	10%	<i>Achillea millefolium</i>	5%
			<i>Juniperous communis</i>	30%	<i>Lupinus arcticus</i>	15%
			<i>Arctostaphylos uva-ursi</i>	50%	<i>Fragaria virginiana</i>	5%
			<i>Shepherdia canadensis</i>	20%		

TOWN: Penticton

Photo Fuel Plot # 97-5-05-005-1



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	South East	Location	Penticton
Slope (%)	20	GPS Coordinates	N49-05'10.7" W119-36'17.4"
Elevation (m)	713	Map sheet	82E.012
Fuel Type	O1	Polygon #	n/a
Bigeoclimatic Zone	BGxh1	FOREST COVER SUMMARY	
SOILS		Primary Species	Sage Brush
LFH Layer	1.5cm	Secondary Species	
Humus Form	mull	% Canopy Closure	0
Soil Order	Brunisol	Treatment Type	n/a
Moisture Regime	submesic	Year of Treatment	n/a
Nutrient regime	rich	TREE AND FUEL CALCULATIONS	
Texture	loam	Average Tree Height (m)	n/a
CREW LIST		Average Height to Live Crown (m)	n/a
		Coarse Woody Debris Mass (t/ha)	0
		Fine Fuel Mass (t/ha)	0
Penticton IA			

TOWN: Shingle Creek

Photo Fuel Plot # 97-5-05-007-1



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	North East	Location	Shingle creek
Slope (%)	10	GPS Coordinates	N49-31.038 w119-51.018
Elevation (m)	1361	Map sheet	82E.051
Fuel Type	C3	Polygon #	697
Bigeoclimatic Zone	IDFdm1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii</i>
LFH Layer	6cm	Secondary Species	n/a
Humus Form	mor	% Canopy Closure	60
Soil Order	Brunisol	Treatment Type	none
Moisture Regime	mesic	Year of Treatment	n/a
Nutrient regime	Rich	TREE AND FUEL CALCULATIONS	
Texture	Sandy-clay	Average Tree Height (m)	15.21
CREW LIST		Average Height to Live Crown (m)	8.96
Penticton IA		Coarse Woody Debris Mass (t/ha)	172.8
		Fine Fuel Mass (t/ha)	19.96

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species			<i>Thalictrum occidentale</i>	25
Secondary Species			<i>Streptopus amplexifolius</i>	10

VEGETATION								
Unique #:		97-5-05-007-1		Location:			Shingle Creek	
GPS co ordinates		N49-31.038' W119-51.018'		Surveyors:			NJ, Penticton IA	
Map#:	82E.051			Polygon #:			697	
Seedlings species		%	Brush species		%	Herbaceous species		%
			n/a			Thalictrum occidentale		25%
						Lupinus arcticus		5%
						Streptopus amplexifolius		10%
						Cornus canadensis		5%

TOWN: Penticton

Photo Fuel Plot # 97-5-05-007-2



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	North West	Location	Penticton
Slope (%)	10	GPS Coordinates	N49-31.32.8 W119-50.11
Elevation (m)	1319	Map sheet	82E.051
Fuel Type	C3	Polygon #	597
Bigeoclimatic Zone	IDFdk2	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii</i>
LFH Layer	6cm	Secondary Species	<i>Pinus contorta</i>
Humus Form	mor	% Canopy Closure	60
Soil Order	Brunisol	Treatment Type	none
Moisture Regime	mesic	Year of Treatment	n/a
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	sandy-clay	Average Tree Height (m)	20.16
CREW LIST		Average Height to Live Crown (m)	10.45
Penticton IA		Coarse Woody Debris Mass (t/ha)	239.5
		Fine Fuel Mass (t/ha)	10.42

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Vaccinium ovalifolium</i>	5	<i>Goodyera oblongifolia</i>	5
Secondary Species			<i>Thalictrum occidentale</i>	5

VEGETATION						
Unique #:		97-5-05-007-2		Location:		Penticton
GPS co ordinates		N49-31.328' W119-50.11'		Surveyors:		NJ, Penticton IA
Map#:	82E.051			Polygon #:		597
Seedlings species		%	Brush species	%	Herbaceous species	
			<i>Vaccinium ovalifolium</i>	5%	<i>Goodyera oblongifolia</i>	
					<i>Thalictrum occidentale</i>	
					5%	

TOWN: Penticton

Photo Fuel Plot # 97-5-05-008-1



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	South East	Location	Penticton
Slope (%)	44	GPS Coordinates	N49-37.875' W119-31.309
Elevation (m)	1308	Map sheet	82E.063
Fuel Type	C3	Polygon #	
Bigeoclimatic Zone	MSdml	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pinus contorta</i>
LFH Layer	4cm	Secondary Species	<i>Pseudotsuga menziesii</i>
Humus Form	mor	% Canopy Closure	60
Soil Order	Humo-feric Podzol	Treatment Type	none
Moisture Regime	submesic	Year of Treatment	n/a
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	Sandy-Clay	Average Tree Height (m)	9.09
CREW LIST		Average Height to Live Crown (m)	2.69
		Coarse Woody Debris Mass (t/ha)	90.9
		Fine Fuel Mass (t/ha)	17.98
Penticton IA			

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Arctostaphylos uva-ursi</i>	73	<i>Goodyera oblongifolia</i>	5
Secondary Species	<i>Chimphila umbellata</i>	60		

VEGETATION							
Unique #:		97-5-05-007-2		Location:		Penticton	
GPS co ordinates		N49-31.328' W119-50.11'		Surveyors:		NJ, Penticton IA	
Map#:	82E.051			Polygon #:		597	
Seedlings species		%	Brush species		%	Herbaceous species	%
			<i>Vaccinium ovalifolium</i>		5%	<i>Goodyera oblongifolia</i>	5%
						<i>Thalictrum occidentale</i>	5%

TOWN: Naramata

Photo Fuel Plot # 97-5-05-008-2



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	North East	Location	Naramata
Slope (%)	10	GPS Coordinates	N49-38.629 W119-30.614
Elevation (m)	1590	Map sheet	82E.063
Fuel Type	C3	Polygon #	
Bigeoclimatic Zone	MSdm1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii</i>
LFH Layer	5cm	Secondary Species	n/a
Humus Form	mor	% Canopy Closure	60
Soil Order	Brunisol	Treatment Type	none
Moisture Regime	subhygric	Year of Treatment	n/a
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	Silt	Average Tree Height (m)	17.76
CREW LIST		Average Height to Live Crown (m)	7.85
Penticton IA		Coarse Woody Debris Mass (t/ha)	58.3
		Fine Fuel Mass (t/ha)	10.87

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Shepherdia canadensis</i>	10	<i>Cornus canadensis</i>	10
Secondary Species	<i>Vaccinium scoparium</i>	10		

VEGETATION							
Unique #:		97-5-05-008-2		Location:		Naramata	
GPS co ordinates		N49-38.629' W119-30.614'		Surveyors:		NJ, Penticton IA	
Map#:		82E.063		Polygon #		n/a	
Seedlings species		%	Brush species	%	Herbaceous species		%
Pseudotsuga menziesii		50%	Shepherdia canadensis	10	Cornus canadensis		10
Abies lasiocarpa		5%	Vaccinium scoparium	10			
			Menziesia ferruginea	10			
			Artostaphylos uva-ursi	20			

TOWN: Penticton

Photo Fuel Plot # 97-5-05-008-3



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	South east	Location	Penticton
Slope (%)	5	GPS Coordinates	N49-40.256 W119-32.148
Elevation (m)	1360	Map sheet	82E.063
Fuel Type	C3	Polygon #	189
Bigeoclimatic Zone	MSdm1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pinus contorta</i>
LFH Layer	3cm	Secondary Species	n/a
Humus Form	mor	% Canopy Closure	40
Soil Order	Brunisol	Treatment Type	none
Moisture Regime	mesic	Year of Treatment	n/a
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	sandy-clay	Average Tree Height (m)	18.72
CREW LIST		Average Height to Live Crown (m)	11.53
		Coarse Woody Debris Mass (t/ha)	65.9
		Fine Fuel Mass (t/ha)	11.47
Penticton IA			

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Vaccinium scoparium</i>	30	<i>Chimaphila umbellata</i>	20
Secondary Species	<i>Arctostaphylos uva-ursi</i>	15	<i>Linnaea borealis</i>	20

VEGETATION					
Unique #:	97-5-05-008-3	Location:			Penticton
GPS co ordinates	N49-40.256' W119-32.148'	Surveyors:		NJ, Penticton IA	
Map#:	82E.063	Polygon #:		189	
Seedlings species	%	Brush species	%	Herbaceous species	%
		<i>Vaccinium scoparium</i>	30%	<i>Chimaphila umbellata</i>	20%
		<i>Arctostaphylos uva-ursi</i>	15%	<i>Linnaea borealis</i>	20%
		<i>Paxistima myrsinites</i>	15%	<i>Lupinus arcticus</i>	5%
		<i>Shepherdia canadensis</i>	5%	<i>Cornus canadensis</i>	5%

TOWN: Penticton

Photo Fuel Plot # 97-5-05-008-4



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	North West	Location	Penticton
Slope (%)	15	GPS Coordinates	N49-41.329' W119-29.747
Elevation (m)	1380	Map sheet	82E.063
Fuel Type	C3	Polygon #	96
Bigeoclimatic Zone	IDFxh1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pinus contorta</i>
LFH Layer	4cm	Secondary Species	n/a
Humus Form	mor	% Canopy Closure	60
Soil Order	Brunisol	Treatment Type	none
Moisture Regime	mesic	Year of Treatment	n/a
Nutrient regime	Medium	TREE AND FUEL CALCULATIONS	
Texture	Sandy-Clay	Average Tree Height (m)	17.75
CREW LIST		Average Height to Live Crown (m)	11.29
		Coarse Woody Debris Mass (t/ha)	36.84
		Fine Fuel Mass (t/ha)	15.46
Penticton IA			

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Alnus virdis</i>	20	<i>Hieracium aurantiacum</i>	5
Secondary Species	<i>Paxistima myrsinites</i>	15		

VEGETATION					
Unique #:	97-5-05-008-4	Location:			Penticton
GPS co ordinates	N49-41.329' W119-29.747'	Surveyors:		NJ, Penticton IA	
Map#:	82E.063	Polygon #:		96	
Seedlings species	%	Brush species	%	Herbaceous species	%
<i>Abies lasiocarpa</i>	5%	<i>Shepherdia canadensis</i>	10%	<i>Hieracium aurantiacum</i>	5%
		<i>Vaccinium scoparium</i>	15%		
		<i>Paxistima myrsinites</i>	15%		
		<i>Alnus virdis</i>	20%		
		<i>Chimphila umbellata</i>	5%		
		<i>Arctostaphylos uva-ursi</i>	5%		