

Photo Fuel Plots: Kamloops - Part 2

- **Watching Creek**
#97-5-02-007-1
MS dm2—C2
- **Watching Creek**
#97-5-02-007-2
IDF dk1—C2
- **Sedge Lake**
#97-5-02-007-3
IDF dk1—C3 with Fd canopy
- **Darlington Creek**
#97-5-02-008-3
ESSF dc2—C2
- **Barnhartvale**
#97-5-02-009-1
IDF xh2—C7
- **Barnhartvale**
#97-5-02-009-2
IDF xh2—C7
- **Kamloops**
#97-5-02-009-3
IDF xh2—C3 with Fd component
- **Darlington Creek**
#97-5-02-009-4
MS dm2—S1
- **Adam's Lake**
#97-5-02-010-1
ICH mw3—unclassified
- **Adam's Lake**
#97-5-02-010-2
ICH mw3—S3

LOCATION: Watching Creek
Photo Fuel Plot # 97-5-02-007-1



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	northwest	Location	Watching Creek
Slope (%)	15	GPS Coordinates	N50-53.841' W120-29.920'
Elevation (m)	1260	Map sheet	921.088
Fuel Type	C2	Polygon #	86
Bigeoclimatic Zone	MSdm2	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Picea engelmannii</i> & <i>Abies lasiocarpa</i>
LFH Layer	6.5	Secondary Species	<i>Pinus contorta</i> var <i>latifolia</i>
Humus Form	mormoder	% Canopy Closure	50
Soil Order	Brunisolic	Treatment Type	none
Moisture Regime	submesic	Year of Treatment	n/a
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	silty loam	Average Tree Height (m)	15.21
% Mineral Soil Exposure	0	Average Height to Live Crown (m)	5.77
CREW LIST		Coarse Woody Debris Mass (t/ha)	61.7
TD, KJ, RE		Fine Fuel Mass (t/ha)	9.07

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Rubus pedatus</i>	50	<i>Cornus canadensis</i>	15
Secondary Species	<i>Pachistima myrsinites</i>	24	<i>Linnaea borealis</i>	10

VEGETATION					
Past Unique #:	91-5-02-007-1		New Unique #	97-5-02-007-1	
GPS coordinates	N 50-53.841' W 120 29.290'			Surveyors:	TD, KJ, RE
Location:	Watching Creek				
		Map#:	92I.088	Polygon #:	86
Mosses %	0	Lichens %	0	Liverworts %	0
Seedling species	%	Brush species	%	Herbaceous species	%
		<i>Pachistima myrsinites</i>	24	<i>Cornus canadensis</i>	15
		<i>Rubus pedatus</i>	50	<i>Arnica cordifolia</i>	5
		<i>Alnus sitchensis</i>	10	<i>Achilliea millefolium</i>	5
		<i>Ribes lacustre</i>	5		
		<i>Linnaea borealis</i>	10		

LOCATION: Watching Creek

Photo Fuel Plot # 97-5-02-007-2



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	north	Location	Watching Creek
Slope (%)	15	GPS Coordinates	N50-53' 43.78" W120-29' 13.12"
Elevation (m)	471	Map sheet	92I.088
Fuel Type	C2	Polygon #	98
Bigeoclimatic Zone	IDF dk1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii</i> var <i>glauca</i> & <i>Pinus contorta</i> var <i>latifolia</i>
LFH Layer	3	Secondary Species	n/a
Humus Form	moder	% Canopy Closure	30
Soil Order	Brunisolic	Treatment Type	logged
Moisture Regime	submesic	Year of Treatment	1974
Nutrient regime	poor	TREE AND FUEL CALCULATIONS	
Texture	sandy loam	Average Tree Height (m)	18.88
% Mineral Soil Exposure	0	Average Height to Live Crown (m)	7.18
CREW LIST		Coarse Woody Debris Mass (t/ha)	33.2
TD, KJ, DP		Fine Fuel Mass (t/ha)	11.59

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Pachistima myrsinites</i>	35	<i>Cornus canadensis</i>	10
Secondary Species	<i>Linnaea borealis</i>	10	<i>Goodyera oblongifolia</i>	5

VEGETATION					
Past Unique #:		91-5-02-007-2		New Unique #	
97-5-02-007-2					
GPS coordinates		N50-53' 43.78" W120-29'13.12"		Surveyors:	
TD, KJ, DP					
Location:		Watching Creek			
		Map#:		Polygon #:	
		92I.088		98	
Mosses %		0		Lichens %	
0		0		Liverworts %	
Seedling species		%		Herbaceous species	
		%		%	
		<i>Spiraea betulifolia</i>		<i>Streptopus roseus</i>	
		5		5	
		<i>Linnaea borealis</i>		<i>Goodyera oblongifolia</i>	
		10		5	
		<i>Pachistima myrsinites</i>		<i>Cornus canadensis</i>	
		35		10	

LOCATION: Sedge Lake

Photo Fuel Plot # 97-5-02-007-3



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	north	Location	Sedge lake
Slope (%)	15	GPS Coordinates	N50-50.666' W120-53.311'
Elevation (m)	471	Map sheet	92I.086
Fuel Type	C3 with Fd component	Polygon #	532
Bigeoclimatic Zone	IDFdk1	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii var glauca</i>
LFH Layer	2.5	Secondary Species	n/a
Humus Form	moder	% Canopy Closure	50
Soil Order	Brunisolic	Treatment Type	none
Moisture Regime	submesic	Year of Treatment	n/a
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	silty clay	Average Tree Height (m)	15.21
% Mineral Soil Exposure	5	Average Height to Live Crown (m)	5.77
CREW LIST		Coarse Woody Debris Mass (t/ha)	61.7
TD, RE, KJ		Fine Fuel Mass (t/ha)	20.2

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Linnaea borealis</i>	40	<i>Calamagrostis rubescens</i>	90
Secondary Species	n/a		<i>Aquilegia formosa</i>	70

VEGETATION					
Past Unique #:		91-5-02-007-3	New Unique #		97-5-02-007-3
GPS coordinates		N50-50.666' W120-53.311'		Surveyors:	TD, RE, KJ
Location:	Watching Creek				
		Map#:	92I.086	Polygon #:	532
Mosses %	0	Lichens %	0	Liverworts %	0
Seedling species	%	Brush species	%	Herbaceous species	%
		<i>Linnaea borealis</i>	40	<i>Calamagrostis rubescens</i>	90
		<i>Shepherdia canadensis</i>	5	<i>Aquilegia formosa</i>	70
		<i>Rosa acicularis</i>	5	<i>Arnica cordifolia</i>	5
				<i>Galium triflorum</i>	2

LOCATION: Darlington Creek

Photo Fuel Plot # 97-5-02-008-3



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	northeast	Location	Darlington Creek
Slope (%)	15	GPS Coordinates	N51-17.954' W120-18.886'
Elevation (m)	1162	Map sheet	93P.093
Fuel Type	C2	Polygon #	102
Bigeoclimatic Zone	ESSFdc2	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Picea engelmannii</i> & <i>Pinus contorta</i> var <i>latifolia</i>
LFH Layer	10	Secondary Species	<i>Abies lasiocarpa</i>
Humus Form	mor	% Canopy Closure	0
Soil Order	Brunisolic	Treatment Type	none
Moisture Regime	submesic	Year of Treatment	n/a
Nutrient regime	not available	TREE AND FUEL CALCULATIONS	
Texture	sandy clay	Average Tree Height (m)	21.5
% Mineral Soil Exposure	0	Average Height to Live Crown (m)	12.3
CREW LIST		Coarse Woody Debris Mass (t/ha)	191.1
NO,TA,KO,BR		Fine Fuel Mass (t/ha)	7.49

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Pachistima myrsinites</i>	27	<i>Cornus canadensis</i>	27
Secondary Species	<i>Spiraea betufoia</i>	20	<i>Chimaphila umbellata</i>	25
Tertiary Species	<i>Alnus crispa ssp. sinuata</i>	18	<i>Clintonia uniflora</i>	10

VEGETATION							
Past Unique #:		n/a	New Unique #:			97-5-02-008-3	
GPS co ordinates		N 51-17.954' W120-18.886'			Surveyors:	NO, TA, KO,BR	
Location:	Darlington Creek						
			Map#:	92P093	Polygon #:	102	
Mosses %			Lichens %		Liverworts %		
Seedling species	%	Brush species		%	Herbaceous species		%
<i>Abies lasiocarpa</i>	2	<i>Pachistima myrsinites</i>		27	<i>Cornus canadensis</i>		27
		<i>Spirea betfolia</i>		25	<i>Epilobium angustifolium</i>		5
		<i>Vaccinium membranaceum</i>		15	<i>Chimiphila umbellata</i>		25
		<i>Alnus crispa ssp. sinuata</i>		18	<i>Clintonia uniflora</i>		10
		<i>Lonicera involucrata</i>		5			
		<i>Arctostaphylos uva-ursi</i>		12			

LOCATION: Barnhartvale

Photo Fuel Plot # 97-5-02-009-1



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	northwest	Location	Barnhartvale
Slope (%)	15	GPS Coordinates	N50-36.223' W120-6.424'
Elevation (m)	854	Map sheet	921.070
Fuel Type	C7	Polygon #	532/a
Bigeoclimatic Zone	IDFxh2	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii var glauca</i>
LFH Layer	5	Secondary Species	<i>Pinus ponderosa</i>
Humus Form	mor	% Canopy Closure	30
Soil Order	Brunisolic	Treatment Type	none
Moisture Regime	mesic	Year of Treatment	n/a
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	loam	Average Tree Height (m)	9.0
% Mineral Soil Exposure	10	Average Height to Live Crown (m)	0
CREW LIST		Coarse Woody Debris Mass (t/ha)	8.8
KL, TA, SL		Fine Fuel Mass (t/ha)	1.19

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Spiraea betulifolia</i>	5	<i>Calamagrostis rubescens</i>	80
Secondary Species	n/a		<i>Festuca occidentalis</i>	10
Tertiary Species	n/a		<i>Achillea millefolium</i>	5

VEGETATION					
Past Unique #:		92-5-02-009-1	New Unique #		97-5-02-009-1
GPS coordinates		N 50-36' 13.38" W120-6'25.4"		Surveyors:	NO,KL,TA,SL
Location:	Barnhartvale				
		Map#:92I.070		Polygon #:	532/a
Mosses %	0	Lichens %	0	Liverworts %	0
Seedling species	%	Brush species	%	Herbaceous species	%
<i>Pseudotsuga menziesii</i> var <i>glauca</i>		<i>Spiraea betulifolia</i>	5	<i>Calamagrostis rubescens</i>	80
				<i>Festuca occidentalis</i>	10
				<i>Achillea millefolium</i>	5

LOCATION: Barnhartvale

Photo Fuel Plot # 97-5-02-009-2



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	northwest	Location	Barnhartvale
Slope (%)	32	GPS Coordinates	N50-36.256' W120-06.352'
Elevation (m)	796	Map sheet	92I.070
Fuel Type	C7	Polygon #	532/a
Bigeoclimatic Zone	IDF _x h2	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii</i> var. <i>glauca</i>
LFH Layer	5	Secondary Species	<i>Pinus ponderosa</i>
Humus Form	mull	% Canopy Closure	30
Soil Order	Brunisolic	Treatment Type	none
Moisture Regime	subhygric	Year of Treatment	n/a
Nutrient regime	eutrophic	TREE AND FUEL CALCULATIONS	
Texture	sandy organic	Average Tree Height (m)	9.56
% Mineral Soil Exposure	20	Average Height to Live Crown (m)	3.07
CREW LIST		Coarse Woody Debris Mass (t/ha)	1.4
TA, KL, SL		Fine Fuel Mass (t/ha)	3.87

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Spiraea betulifolia</i>	5	<i>Calamagrostis rubescens</i>	80
Secondary Species	n/a		<i>Fragaria virginiana</i>	45
Tertiary Species	n/a		<i>Taxaxacum officinale</i>	25

VEGETATION										
Past Unique #:			91-5-02-009-2			New Unique #			97-5-02-009-2	
GPS co ordinates:			N50-36.256' W120-6.352'					Surveyors:		NO,TA,KL,SL
Location:		Barnhartvale								
			Map#:		921.070		Polygon #:		532/a	
Mosses %			Lichens %				Liverworts %			
Seedlings Species %			Brush Species %				Herbaceous Species %			
Pseudotsuga menziesii var glauca		10	Spiraea betulifolia			5	Streptopus amplexifolius		5	
						Taraxacum officinale		25		
						Calamagrostis rubescens		80		
						Festuca occidentalis		10		
						Fragaria virginiana		45		
						Astragalus purshii		5		

LOCATION: Kamloops

Photo Fuel Plot # 97-5-02-009-3



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	west	Location	Kamloops
Slope (%)	10	GPS Coordinates	N 50-24.238' W120-12.04
Elevation (m)	1243	Map sheet	92I.049 & 050
Fuel Type	C3 with Fd component	Polygon #	252
Bigeoclimatic Zone	IDFxx2	FOREST COVER SUMMARY	
SOILS		Primary Species	<i>Pseudotsuga menziesii</i>
LFH Layer	5	Secondary Species	n/a
Humus Form	not available	% Canopy Closure	40
Soil Order	Brunisolic	Treatment Type	selective logged
Moisture Regime	submesic	Year of Treatment	1974
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	silty loam	Average Tree Height (m)	13.0
% Mineral Soil Exposure	0	Average Height to Live Crown (m)	0
CREW LIST		Coarse Woody Debris Mass (t/ha)	35.6
LL, MD, KM		Fine Fuel Mass (t/ha)	20.29

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Pachistima myrsinites</i>	5	<i>Cornus canadensis</i>	5
Secondary Species	<i>Spiraea betulifolia</i>	5	<i>Epilobium angustifolium</i>	5

VEGETATION					
Past Unique #:	91-5-02-009-3		New Unique #	97-5-02-009-3	
GPS coordinates		N50-.24.238 W120-12.04		Surveyors:	LL, MD, KM
Location:	Kamloops				
	Map#:	92I.049 &050	Polygon #:	252	
Mosses %	10	Lichens %		Liverworts %	
Seedlings Species %		Brush Species	%	Herbaceous Species %	
		<i>Pachistima myrsinites</i>	5	<i>Cornus canadensis</i>	5
		<i>Spiraea betulifolia</i>	5	<i>Epilobium angustifolium</i>	5
				<i>Streptopus amplexifolius</i>	5
				<i>Lupinus arcticus</i>	5

LOCATION: Darlington Creek

Photo Fuel Plot # 97-5-02-008-3



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	northwest	Location	Darlington Creek
Slope (%)	10	GPS Coordinates	N51-18.241' W120-18.241'
Elevation (m)	1250	Map sheet	92P.039
Fuel Type	S1	Polygon #	1026
Bigeoclimatic Zone	MSdm2	FOREST COVER SUMMARY	
SOILS		Primary Species	n/a
LFH Layer	10	Secondary Species	n/a
Humus Form	mull	% Canopy Closure	0
Soil Order	Brunisolic	Treatment Type	clearcut
Moisture Regime	mesic	Year of Treatment	not available
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	sandy clay	Average Tree Height (m)	n/a
% Mineral Soil Exposure	45	Average Height to Live Crown (m)	n/a
CREW LIST		Coarse Woody Debris Mass (t/ha)	63.3
TA, KO, SL, BR,		Fine Fuel Mass (t/ha)	4.42

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Pachistima myrsinites</i>	5	<i>Cornus canadensis</i>	5
Secondary Species	<i>Spiraea betulifolia</i>	5	<i>Epilobium angustifolium</i>	5

VEGETATION					
Past Unique #:		91-5-02-008-1	New Unique #		97-5-02-009-4
GPS coordinates		N51-18'14.46" W120-18'14.46"		Surveyors:	NO,TA,KO,SL,BR,
Location:	Darlington Creek				
		Map#:	92P.039	Polygon #:	1026
Mosses %	0	Lichens %	0	Liverworts %	0
Seedling species	%	Brush species	%	Herbaceous species	%
		<i>Spiraea betufo</i> lia	10	<i>Cornus canadensis</i>	5
		<i>Pachistima myrsin</i> ites	5	<i>Epilobium angustifo</i> lium	5

LOCATION: Adam's Lake

Photo Fuel Plot # 97-5-02-010-1



Post 1



Post 2



Post 3

ECOLOGY		PLOT SUMMARY	
Aspect	northwest	Location	Adams Lake
Slope (%)	40	GPS Coordinates	N50-57.215' W119-42.342'
Elevation (m)	709	Map sheet	82L092
Fuel Type	unclassified	Polygon #	408
Bigeoclimatic Zone	ICHmw3	FOREST COVER SUMMARY	
SOILS		Primary Species	n/a
LFH Layer	5	Secondary Species	n/a
Humus Form	mull	% Canopy Closure	0
Soil Order	Brunisolic	Treatment Type	logged
Moisture Regime	mesic	Year of Treatment	1991
Nutrient regime	medium	TREE AND FUEL CALCULATIONS	
Texture	clay loam	Average Tree Height (m)	n/a
% Mineral Soil Exposure	20	Average Height to Live Crown (m)	n/a
CREW LIST		Coarse Woody Debris Mass (t/ha)	25.9
JL, CF, RE		Fine Fuel Mass (t/ha)	3.19

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Pachistima myrsinites</i>	30	<i>Clitonia uniflora</i>	35
Secondary Species	<i>Vaccinium membranaceum</i>	20	<i>Cornus canadensis</i>	15

VEGETATION					
Past Unique #:	92-5-02-010-1			New Unique #	97-5-02-010-1
GPS co ordinates	N 50-57'12.9" W120-42'20.5"			Surveyors:	NO, JI, CF, RE
Location:	Adams Lake				
		Map#:	82L.092	Polygon #:	408
Mosses %	50	Lichens %		Liverworts %	
Seedling species	%	Brush Species	%	Herbaceous species	%
<i>Thuja plicata</i>	30	<i>Pachistima myrsinites</i>	30	<i>Cornus canadensis</i>	15
<i>Pinus contorta var latifolia</i>	20	<i>Vaccinium membranaceum</i>	20	<i>Clintonia uniflora</i>	35
<i>Tsuga heterophylla</i>	30	<i>Shepherdia canadensis</i>	15		
		<i>Arctostaphylos uva-ursi</i>	35		

LOCATION: Adam's Lake

Photo Fuel Plot # 97-5-02-010-2



Post 1



Post 2

ECOLOGY		PLOT SUMMARY	
Aspect	northwest	Location	Adams Lake
Slope (%)	40	GPS Coordinates	N50-57.215' W119-42.342'
Elevation (m)	764	Map sheet	82L.092
Fuel Type	S3	Polygon #	408
Bigeoclimatic Zone	ICHmw3	FOREST COVER SUMMARY	
SOILS		Primary Species	n/a
LFH Layer	3	Secondary Species	n/a
Humus Form	mull	% Canopy Closure	0
Soil Order	Brunisolic	Treatment Type	logged
Moisture Regime	xeric	Year of Treatment	1991
Nutrient regime	poor	TREE AND FUEL CALCULATIONS	
Texture	silty clay	Average Tree Height (m)	n/a
% Mineral Soil Exposure	15	Average Height to Live Crown (m)	n/a
CREW LIST		Coarse Woody Debris Mass (t/ha)	TBA
CF, RE, JI		Fine Fuel Mass (t/ha)	TBA

VEGETATION COVER				
	Brush Species	%	Herbaceous Species	%
Primary Species	<i>Rubus parviflorus</i>	55	<i>Clintonia uniflora</i>	5
Secondary Species	<i>Betula papyrifera</i>	50	n/a	
Tertiary Species	<i>Arctostaphylos uva-ursi</i>	30	n/a	

VEGETATION					
Past Unique #:		92-5-02-010-2		New Unique #	
GPS coordinates		N50-57.215' W119-472.342'		97-5-02-010-2	
Surveyors:		NO, CF, RE, JI			
Location:		Adams Lake			
Map#:		82L.092		Polygon #:	
				408	
Mosses	%	Lichens %		Liverworts %	
Seedling species	%	Brush species	%	Herbaceous species	%
<i>Thuja plicata</i>	5	<i>Betula papyrifera</i>	50	<i>Clintonia uniflora</i>	5
<i>Pinus contorta var latifolia</i>	5	<i>Arctostaphylos uva-ursi</i>	35		
		<i>Rubus parviflorus</i>	55		
		<i>Shepherdia canadensis</i>	10		
		<i>Pachistima myrsinites</i>	23		
		<i>Rubus idaeus</i>	5		
		<i>Mahonia aquifolium</i>	5		
		<i>Rosa acicularis</i>	20		