

## Preparation

This document consists of the site level Wildfire Threat Assessment – Fuel Assessment worksheets and associated photos that, in part, form the basis for the wildfire risk assessments for the 2025 Community Wildfire Resiliency Plan (CWRP) for the District of 100 Mile House. The assessments contained herein follow the 2020 BCWS Wildfire Threat Assessment Guide and Worksheets. The worksheets included here are copies of a fillable PDF form that Forsite Consultants Ltd developed to facilitate electronic field data entry.

The proceeding Wildfire Threat Assessment – Fuel Assessment worksheets were completed under the supervision by the qualified professional, whose seal and signature are affixed below.

## Registered Professional Signature and Seal

RPF Printed Name	RPF #
Hailey Sigalet	5302
Date Signed	
October 10, 2025	
<i>I certify that the work described herein fulfills the standards expected of a registrant of the Forest Professionals British Columbia and that I did personally supervise the work.</i>	
Registered Professional Forester Signature & Seal	
 	

# 1.0 Wildfire Threat Assessments Summary

Plot ID	Date	Location	Coordinates	Score	Fuel Assessment Rating
HS_1	16-Jun-25	Exeter	612754, 5724115	74	Extreme
HS_2	16-Jun-25	Exeter	617684, 5724791	32	Low
HS_3	16-Jun-25	99 Mile Trails	617510, 5721024	46	Moderate
HS_4	16-Jun-25	99 Mile Trails	616598, 5720751	70	High
HS_5	19-Jun-25	Centennial Park	633954, 5717010	57	Moderate
HS_6	16-Jun-25	East 100 Mile House	620204, 5721447	58	Moderate
LH_1	16-Jun-25	Exeter	616899, 5724400	68	High
LH_2	16-Jun-25	Exeter	617633, 5724357	67	High
LH_3	16-Jun-25	99 Mile Trails	617254, 5720454	65	High
LH_4	16-Jun-25	99 Mile Trails	617548, 5720443	61	High
LH_5	16-Jun-25	East of Centennial Park	618956, 5722508	68	High
AH_1	25-Aug-25	Exeter	615560, 5724446	61	Moderate

## 2.0 Wildfire Threat Assessments Map

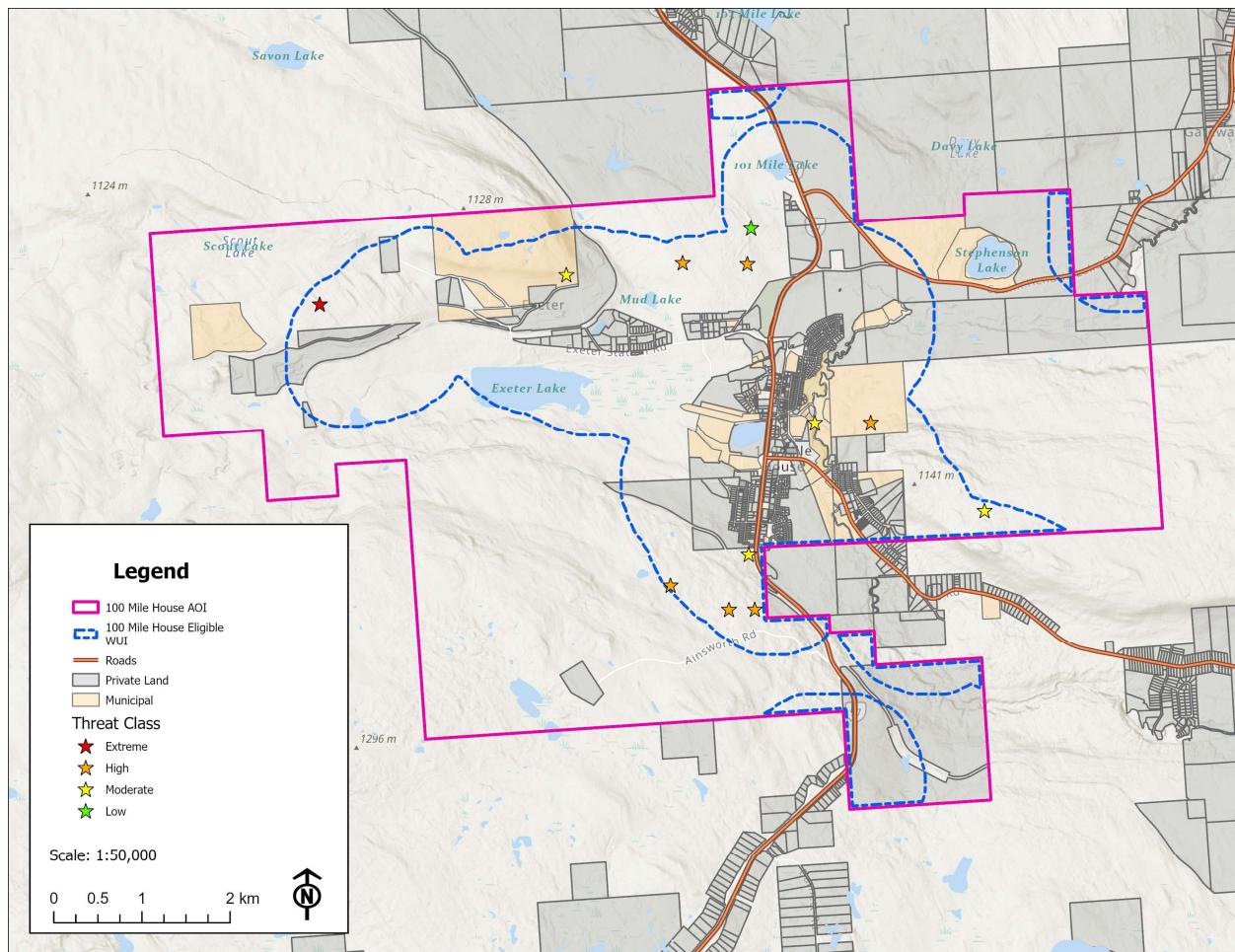


Figure 1: Location of wildfire threat assessment plots and their associated threat class ranking.

## 3.0 Wildfire Threat Assessments

Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)					Plot #	HS1					
Location 100 Mile House		Date June 16, 2025	Assessor/ Professional Designation RPF Hailey S								
Coordinates (Lat/Long - Degrees/Decimal minutes): 1319666, 748696											
Component/Sub Component		Levels/Classes									
Forest Floor and Organic Layer											
1	Depth of organic Layer	1 - <2	1	2 - <5	1	5 - <10	5	10 - 20	3	>20	2
Surface and Ladder Fuel (0.1 - 3.0 metres in height)											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	4	Lichen, Conifer shrubs	6	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	1	Pinegrass	10	Sagebrush, Bunchgrass, Juniper, Scotch broom	15
3	Dead and Down Material Continuity (<7cm)	Absent	0	Scattered <10 coverage	4	10-25% coverage	8	26-50% coverage	1	>50% coverage	15
4	Ladder Fuel Composition	Deciduous/ None	0	Mixwood	5	Other Conifer	8	Elevated dead fuel	10	Spruce/Fir/ Pine	15
5	Ladder Fuel Horizontal Continuity	Absent	0	Sparse <10% coverage	2	Scattered 10 - 39% coverage	8	Patchy 40- 60% coverage	1	Uniform >60% coverage	15
6	Stem/ha (understory) <sup>3</sup>	<500	2	501-800	4	801-1200	6	1201-1500	1	>1500	15
Stand Structure and Composition (Dominant and Co-Dominate stems)											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	0	Mixwood (% Conifer) 25% 50% 75%	0 2 3	Conifer with high CBH (>10m)	3	Conifer with moderate CBH (5-9m)	4	Conifer with low CBH (<5m)	1
8	Crown Closure	<20%	0	20 - 40% or deciduous overstory	1	41-60%	2	61-80%	5	>80%	4
9	Fuel Strata Gap <sup>4</sup> (m)	> 10		0	6 - 9	1	3 - 6	3	< 3	1	
10	Stems/ha Overstory live/grn dom & codom	< 400	0	401 - 600	2	601 - 900	3	901 - 1200	4	> 1200	1
11	Dead and Dying (% of dominant and co-dominant stems)	Standing Dead/ Partial down < 20%		1	Standing Dead/ Partial down 21 - 50%	5	Standing Dead/ Partial down 51 - 75%	8	Standing Dead/ Partial down > 75%	10	
Ecoprovince Central Interior (0/44/61/73)					Threat Assessment Extreme	WTA Total 74					
Comments Fd90At10(PI) overstory and understory Over story DBH 18-30 Ht 22m Small machine selective harvest Fines: <5 Coarse: 15											

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)						
PSTA Threat	10		FBP Fuel Type C-7			
Assessor's FBP Fuel Type: C-7			Ownership: Crown			
Assessor's Fuel Type Rationale <sup>1</sup> :						
Value Description (include type of value and distance to the value from the proposed treatment area): Exeter Rd - evacuation route Private property that is cleared						
<b>Landscape Assessment</b>						
Proximity of Fuel treatment area to Value (m)	0 - 100	(2)	101 - 500	(20)	501 - 1000	(15)
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	(5)	No	(0)		
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	(0)	90° Offset to Prevailing Wind/ highest ISI values	(10)	270° Offset to Prevailing Wind/ highest ISI values	(7)
Distance to nearest vehicle access (m)	0 - 200 m	(2)	201 - 400 m	(3)	401 - 1000 m	(1)
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	(2)	201 - 400 m	(3)	401 - 1000 m	(1)
Landscape Subtotal:					50	
<b>Topographical Factors</b>						
Topography: Slope	<20%	(0)	21 - 30%	(1)	31 - 45%	(3)
Topography: Aspect (>20% Slope)	North	(0)	East/Flat	(3)	West	(4)
Slope position of value (only applies if slope is >20%)	Bottom or Slope/ Valley bottom	(0)	MidSlope - Bench	(0)	Mid Slope - continuous	(3)
Topographical Factors Subtotal:					6	
Comments						
Total Priority Setting Score:					56	

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)

<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

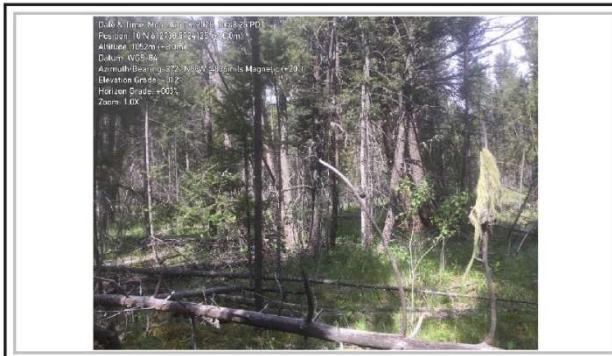
**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type: C-7	Slope %: 10	Aspect (deg.): 0
Elevation (m): 1040	Canopy Closure %: 20	Ave. Forest Floor Depth (cm): 3

**Surface Fuels:**

	<p>Theodolite: Theodolite</p> <p>Photo Comments:</p>
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**Ladder Fuels:**

	<p>Theodolite: Choose from Drop [</p> <p>Photo Comments:</p>
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	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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Ladder Fuels (*continued*)

 <p>Details: Date: Jun 16, 2025 10:48:14 PM Latitude: 49° 10' 28.1" N Longitude: 121° 30' 40.1" W Elevation: 1,478 m Azimuth: 108° 30' 00.0" N Altitude: 1,478 m Elevation: 1,478 m Aspect: 330° NNE Declination: 0.00° Magnetic Horizontal Grade: 0.00% Vertical Grade: 0.00% Zoom: 10X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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 <p>Details: Date: Jun 16, 2025 10:48:14 PM Latitude: 49° 10' 28.1" N Longitude: 121° 30' 40.1" W Elevation: 1,478 m Azimuth: 108° 30' 00.0" N Altitude: 1,478 m Elevation: 1,478 m Aspect: 330° NNE Declination: 0.00° Magnetic Horizontal Grade: 0.00% Vertical Grade: 0.00% Zoom: 10X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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## Crown Fuels:

 <p>Details: Date: Jun 16, 2025 10:48:14 PM Latitude: 49° 10' 28.1" N Longitude: 121° 30' 40.1" W Elevation: 1,478 m Azimuth: 108° 30' 00.0" N Altitude: 1,478 m Elevation: 1,478 m Aspect: 330° NNE Declination: 0.00° Magnetic Horizontal Grade: 0.00% Vertical Grade: 0.00% Zoom: 10X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # HS2
Location	Date June 16, 2025	Assessor/ Professional Designation	Choose from Drop Down HS
Coordinates (Lat/Long - Degrees/Decimal minutes): 1324188, 749354			

Component/Sub Component		Levels/Classes									
Forest Floor and Organic Layer											
1	Depth of organic Layer	1 - <2	1	2 - <5	2	5 - <10	5	10 - 20	3	>20	2
Surface and Ladder Fuel (0.1 - 3.0 metres in height)											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	0	Lichen, Conifer shrubs	6	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	8	Pinegrass	10	Sagebrush, Bunchgrass, Juniper, Scotch broom	15
3	Dead and Down Material Continuity (<7cm)	Absent	0	Scattered <10 coverage	1	10-25% coverage	8	26-50% coverage	12	>50% coverage	15
4	Ladder Fuel Composition	Deciduous/ None	0	Mixwood	1	Other Conifer	8	Elevated dead fuel	10	Spruce/Fir/ Pine	15
5	Ladder Fuel Horizontal Continuity	Absent	0	Sparse <10% coverage	1	Scattered 10 - 39% coverage	8	Patchy 40-60% coverage	10	Uniform >60% coverage	15
6	Stem/ha (understory) <sup>3</sup>	<500	0	501-800	4	801-1200	6	1201-1500	8	>1500	15
Stand Structure and Composition (Dominant and Co-Dominate stems)											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	0	Mixwood (% Conifer) 25% 50% 75%	0 2 1	Conifer with high CBH (> 10m)	3	Conifer with moderate CBH (5-9m)	4	Conifer with low CBH (<5m)	5
8	Crown Closure	< 20%	0	20 - 40% or deciduous overstory	1	41-60%	2	61-80%	5	>80%	4
9	Fuel Strata Gap <sup>4</sup> (m)			> 10	0	6 - 9	1	3 - 6	3	< 3	0
10	Stems/ha Overstory (Livegreen dom & codom)	< 400	0	401 - 600	1	601 - 900	3	901 - 1200	4	> 1200	5
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down <20%	1	Standing Dead/ Partial down 21 - 50%	5	Standing Dead/ Partial down 51 - 75%	8	Standing Dead/ Partial down >75%	10
Ecoprovince Central Interior (0/44/61/73)						Threat Assessment Low	WTA Total 32				
Comments Fd75At25 Fines: 10 Coarse: 8											

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)						
PSTA Threat	Choose from Drop Down		FBP Fuel Type M-1/2			
Assessor's FBP Fuel Type: M-1/2			Ownership: Crown			
Assessor's Fuel Type Rationale <sup>1</sup> :						
Value Description (include type of value and distance to the value from the proposed treatment area): Water tank, distribution lines						
<b>Landscape Assessment</b>						
Proximity of Fuel treatment area to Value (m)	0 - 100	(2)	101 - 500	(20)	501 - 1000	(15)
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	(5)	No	(0)		
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	(0)	90° Offset to Prevailing Wind/ highest ISI values	(10)	270° Offset to Prevailing Wind/ highest ISI values	(7)
Distance to nearest vehicle access (m)	0 - 200 m	(5)	201 - 400 m	(0)	401 - 1000 m	(1)
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	(0)	201 - 400 m	(3)	401 - 1000 m	(1)
Landscape Subtotal:					48	
<b>Topographical Factors</b>						
Topography: Slope	<20%	(0)	21 - 30%	(1)	31 - 45%	(3)
Topography: Aspect (>20% Slope)	North	(0)	East/Flat	(3)	West	(4)
Slope position of value (only applies if slope is >20%)	Bottom or Slope/ Valley bottom	(0)	MidSlope - Bench	(0)	Mid Slope - continuous	(3)
Topographical Factors Subtotal:					6	
Comments Mixedwood stand - recommend low priority treatment - hand treatment						
Total Priority Setting Score:					54	

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)

<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

British Columbia Wildfire Service - Photo Guide

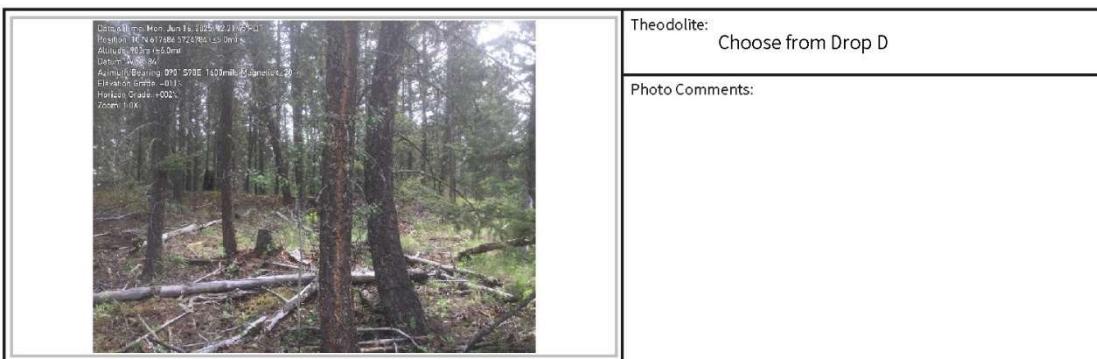
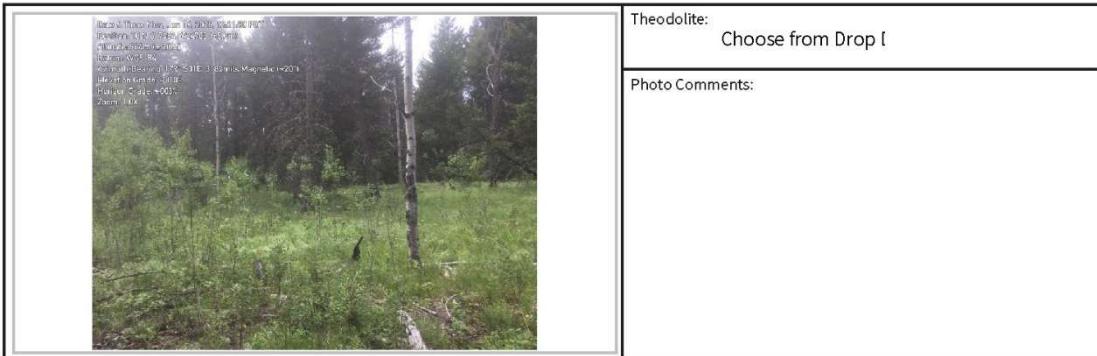
## SITE INFORMATION

FBP Fuel Type:	M-1/2	Slope %:	5	Aspect (deg.):	Na
Elevation (m):	950	Canopy Closure %:	20	Ave. Forest Floor Depth (cm):	

## Surface Fuels:



## Ladder Fuels:



Ladder Fuels (*continued*)

 <p>Date &amp; Time: Mon, Jun 16, 2014 12:23:13 PDT Position: 0 N 617688.57247511-117.057 Altitude: 1000.000 m Datum: WGS-84 Azimuth/Bearing: 148.532E 288.000m (0.000m) Elevation: 1000.000 m Horizontal Grade: -0.021 Zoom: 1.0X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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 <p>Date &amp; Time: Mon, Jun 16, 2014 12:23:13 PDT Position: 0 N 617688.57247511-117.057 Altitude: 1000.000 m Datum: WGS-84 Azimuth/Bearing: 148.532E 288.000m (0.000m) Elevation: 1000.000 m Horizontal Grade: -0.021 Zoom: 1.0X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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## Crown Fuels:

 <p>Date &amp; Time: Mon, Jun 16, 2014 12:23:13 PDT Position: 0 N 617688.57247511-117.057 Altitude: 1000.000 m Datum: WGS-84 Azimuth/Bearing: 148.532E 288.000m (0.000m) Elevation: 1000.000 m Horizontal Grade: -0.021 Zoom: 1.0X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # HS3
Location 100 Mile House	Date June 16, 2025	Assessor/ Professional Designation	RPF HS
Coordinates (Lat/Long - Degrees/Decimal minutes): 1324534, 745856			

Component/Sub Component		Levels/Classes									
Forest Floor and Organic Layer											
1	Depth of organic Layer	1 - <2	●	2 - <5	● 3	5 - <10	● 5	10 - 20	● 3	>20	● 2
Surface and Ladder Fuel (0.1 - 3.0 metres in height)											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	●	Lichen, Conifer shrubs	● 6	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	● 8	Pinegrass	● 10	Sagebrush, Bunchgrass, Juniper, Scotch broom	● 15
3	Dead and Down Material Continuity (<7cm)	Absent	● 0	Scattered <10 coverage	● 4	10-25% coverage	● 1	26-50% coverage	● 12	>50% coverage	● 15
4	Ladder Fuel Composition	Deciduous/ None	● 0	Mixwood	● 5	Other Conifer	● 8	Elevated dead fuel	● 10	Spruce/Fir/ Pine	● 15
5	Ladder Fuel Horizontal Continuity	Absent	● 0	Sparse <10% coverage	● 1	Scattered 10 - 39% coverage	● 8	Patchy 40-60% coverage	● 10	Uniform >60% coverage	● 15
6	Stem/ha (understory) <sup>3</sup>	<500	●	501-800	● 4	801-1200	● 6	1201-1500	● 8	>1500	● 15
Stand Structure and Composition (Dominant and Co-Dominate stems)											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	● 0	Mixwood (% Conifer) 25% 50% 75%	● 0 2 3	Conifer with high CBH (> 10m)	● 3	Conifer with moderate CBH (5-9m)	●	Conifer with low CBH (< 5m)	● 5
8	Crown Closure	< 20%	● 0	20 - 40% or deciduous overstory	● 1	41-60%	● 2	61-80%	● 5	>80%	● 4
9	Fuel Strata Gap <sup>4</sup> (m)	> 10		● 0	6 - 9	● 1	3 - 6	● 3	< 3	● 1	
10	Stems/ha Overstory (livegreen dom & codom)	< 400	● 0	401 - 600	●	601 - 900	● 3	901 - 1200	● 4	> 1200	● 5
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down < 20%	●	Standing Dead/ Partial down 21 - 50%	● 5	Standing Dead/ Partial down 51 - 75%	● 8	Standing Dead/ Partial down > 75%	● 10
Ecoprovince Central Interior (0/44/61/73)						Threat Assessment Moderate	WTA Total 46				
Comments											
Over story: Fd100 600 sph 10-15% mortality, Grey attack, Fd beetle or root rot?  Understory Fd90Ep10 400 sph  Fines: 8 Coarse: 5											

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)						
PSTA Threat	8					
FBP Fuel Type	C-7					
Assessor's FBP Fuel Type: C-7	Ownership: Crown					
Assessor's Fuel Type Rationale <sup>1</sup> :						
Value Description (include type of value and distance to the value from the proposed treatment area): Highway 97 (evacuation route) Private property Recreation trails						
<b>Landscape Assessment</b>						
Proximity of Fuel treatment area to Value (m)	0 - 100	(  )	101 - 500	(  )	501 - 1000	(  )
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	(  )	No	(  )		
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	(  )	90° Offset to Prevailing Wind/ highest ISI values	(  )	270° Offset to Prevailing Wind/ highest ISI values	(  )
Distance to nearest vehicle access (m)	0 - 200 m	(  )	201 - 400 m	(  )	401 - 1000 m	(  )
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	(  )	201 - 400 m	(  )	401 - 1000 m	(  )
Landscape Subtotal:						50
<b>Topographical Factors</b>						
Topography: Slope	<20%	(  )	21 - 30%	(  )	31 - 45%	(  )
Topography: Aspect (>20% Slope)	North	(  )	East/Flat	(  )	West	(  )
Slope position of value (only applies if slope is >20%)	Bottom or Slope/ Valley bottom	(  )	MidSlope - Bench	(  )	Mid Slope - continuous	(  )
Topographical Factors Subtotal:						3
Comments High values adjacent, however moderate threat ranking lowers priority. Recommend low priority/ no treatment						
Total Priority Setting Score:						53

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type: C-7	Slope %: 12	Aspect (deg.): NE
Elevation (m): 1018	Canopy Closure %: 30	Ave. Forest Floor Depth (cm): 1

**Surface Fuels:**

 <p>Data &amp; Time: Mon, July 18, 2025 14:24:54 PDT Position: 61°51'37.2''N 122°01'02.5''W (5.0m) Altitude: 1018m (+8.0m) Datum: WGS-84 Azimuth Bearing: 357° NNE (+0.7° mra) (+5.7°) Elevation Grade: +0.0% Horizon Grade: +0.0% Zoom: 10X</p>	<p>Theodolite: Choose from Drop</p> <p>Photo Comments:</p>
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**Ladder Fuels:**

 <p>Data &amp; Time: Mon, July 18, 2025 14:22:54 PDT Position: 61°51'37.2''N 122°01'02.5''W (5.0m) Altitude: 1018m (+8.0m) Datum: WGS-84 Azimuth Bearing: 357° NNE (+0.7° mra) (+5.7°) Elevation Grade: +0.0% Horizon Grade: +0.0% Zoom: 10X</p>	<p>Theodolite: Choose from Drop</p> <p>Photo Comments:</p>
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 <p>Data &amp; Time: Mon, July 18, 2025 14:22:54 PDT Position: 61°51'37.2''N 122°01'02.5''W (5.0m) Altitude: 1018m (+8.0m) Datum: WGS-84 Azimuth Bearing: 357° NNE (+0.7° mra) (+5.7°) Elevation Grade: +0.0% Horizon Grade: +0.0% Zoom: 10X</p>	<p>Theodolite: Choose from Drop</p> <p>Photo Comments:</p>
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Ladder Fuels (*continued*)

 <small>Latitude: 50.000000, Longitude: -123.125000, Elevation: 1025.000000    Coordinates: NAD83    Altitude: 1025.000000    Azimuth: 100.000000, North: 32.000000, Magnetic: +20.000000    Elevation: 1025.000000    Height: 30.000000    Zone: 10K</small>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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 <small>Latitude: 50.000000, Longitude: -123.125000, Elevation: 1025.000000    Coordinates: NAD83    Altitude: 1025.000000    Azimuth: 100.000000, North: 32.000000, Magnetic: +20.000000    Elevation: 1025.000000    Height: 30.000000    Zone: 10K</small>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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## Crown Fuels:

 <small>Latitude: 50.000000, Longitude: -123.125000, Elevation: 1025.000000    Coordinates: NAD83    Altitude: 1025.000000    Azimuth: 100.000000, North: 32.000000, Magnetic: +20.000000    Elevation: 1025.000000    Height: 30.000000    Zone: 10K</small>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # HS4
Location 100 Mile House	Date June 16, 2025	Assessor/ Professional Designation	RPF HS
Coordinates (Lat/Long - Degrees/Decimal minutes): 1323646, 745505			

Component/Sub Component		Levels/Classes									
<b>Forest Floor and Organic Layer</b>											
1	Depth of organic Layer	1 - <2	(1)	2 - <5	(0)	5 - <10	(5)	10 - 20	(3)	>20	(2)
<b>Surface and Ladder Fuel (0.1 - 3.0 metres in height)</b>											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	(4)	Lichen, Conifer shrubs	(6)	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	(0)	Pinegrass	(10)	Sagebrush, Bunchgrass, Juniper, Scotch broom	(15)
3	Dead and Down Material Continuity (<7cm)	Absent	(0)	Scattered <10 coverage	(4)	10-25% coverage	(0)	26-50% coverage	(12)	>50% coverage	(15)
4	Ladder Fuel Composition	Deciduous/ None	(0)	Mixwood	(5)	Other Conifer	(8)	Elevated dead fuel	(10)	Spruce/Fir/ Pine	(0)
5	Ladder Fuel Horizontal Continuity	Absent	(0)	Sparse <10% coverage	(2)	Scattered 10 - 39% coverage	(8)	Patchy 40-60% coverage	(10)	Uniform >60% coverage	(0)
6	Stem/ha (understory) <sup>3</sup>	<500	(2)	501-800	(0)	801-1200	(6)	1201-1500	(8)	>1500	(15)
<b>Stand Structure and Composition (Dominant and Co-Dominate stems)</b>											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	(0)	Mixwood (% Conifer) 25% 50% 75%	(0) (2) (3)	Conifer with high CBH (> 10m)	(3)	Conifer with moderate CBH (5-9m)	(4)	Conifer with low CBH (<5m)	(0)
8	Crown Closure	< 20%	(0)	20 - 40% or deciduous overstory	(1)	41-60%	(0)	61-80%	(5)	>80%	(4)
9	Fuel Strata Gap <sup>4</sup> (m)			> 10	(0)	6 - 9	(1)	3 - 6	(3)	< 3	(0)
10	Stems/ha Overstory (livegreen dom & codom)	< 400	(0)	401 - 600	(2)	601 - 900	(0)	901 - 1200	(4)	> 1200	(5)
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down <20%	(0)	Standing Dead/ Partial down 21 - 50%	(5)	Standing Dead/ Partial down 51 - 75%	(8)	Standing Dead/ Partial down >75%	(10)

Ecoprovince Central Interior (0/44/61/73)	Threat Assessment High	WTA Total 70
Comments		
Over story: Fd80Sx20 600 sph Sx broom present		
Understory Fd50Ep50 400 sph		
Fines: 12 Coarse: 5		

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)						
PSTA Threat	8					
FBP Fuel Type	C-7					
Assessor's FBP Fuel Type: C-7	Ownership: Crown					
Assessor's Fuel Type Rationale <sup>1</sup> :						
Value Description (include type of value and distance to the value from the proposed treatment area): Recreation trails Railway tracks Private propert (uncleared) water tank						
<b>Landscape Assessment</b>						
Proximity of Fuel treatment area to Value (m)	0 - 100	(25)	101 - 500	(0)	501 - 1000	(15)
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	(0)	No	(0)		
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	(0)	90° Offset to Prevailing Wind/ highest ISI values	(10)	270° Offset to Prevailing Wind/ highest ISI values	(7)
Distance to nearest vehicle access (m)	0 - 200 m	(0)	201 - 400 m	(3)	401 - 1000 m	(1)
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	(0)	201 - 400 m	(3)	401 - 1000 m	(1)
Landscape Subtotal:					50	
<b>Topographical Factors</b>						
Topography: Slope	<20%	(0)	21 - 30%	(1)	31 - 45%	(3)
Topography: Aspect (>20% Slope)	North	(0)	East/Flat	(3)	West	(4)
Slope position of value (only applies if slope is >20%)	Bottom or Slope/ Valley bottom	(0)	MidSlope - Bench	(1)	Mid Slope - continuous	(3)
Topographical Factors Subtotal:					0	
Comments Area is anchored by fuel breaks (mostly) Some gaps of untreated between assessment area and critical infrastructure / values						
Total Priority Setting Score:					50	

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)

<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

British Columbia Wildfire Service - Photo Guide

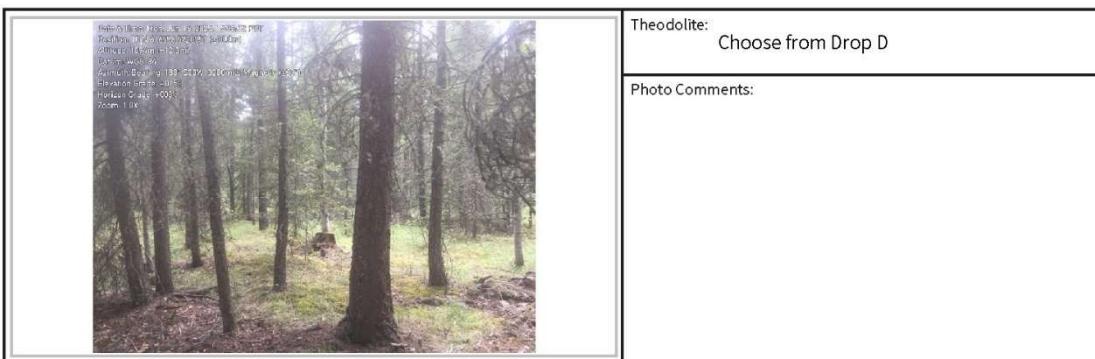
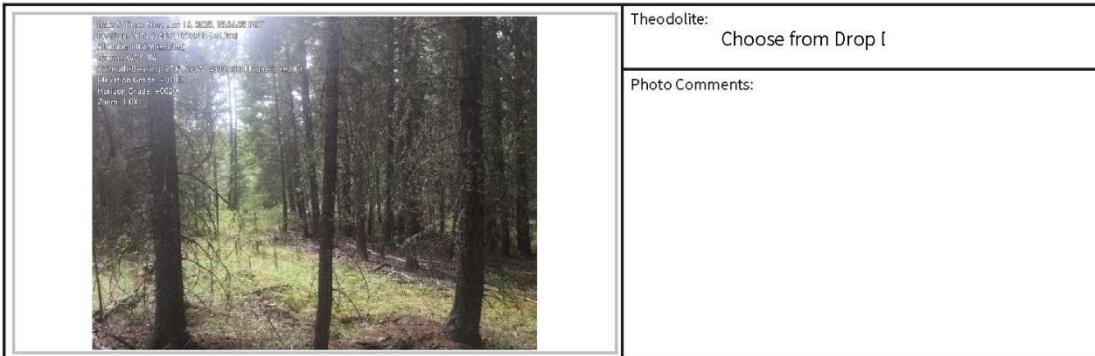
## SITE INFORMATION

FBP Fuel Type: C-7	Slope %: 10	Aspect (deg.): N
Elevation (m): 1100	Canopy Closure %: 60	Ave. Forest Floor Depth (cm): 5

## Surface Fuels:



### **Ladder Fuels:**



Ladder Fuels (*continued*)

 <small>Lat &amp; Long: 51.816596, -120.007327 Elevation: 1044ft/318m Aspect: N 000° 15.0m Altitude: 1044ft / 318m Azimuth: 000° 15.0m Azimuth deg: 000.00 Elevation deg: 30.0 Elevation angle: 30.0 Zone: 10C</small>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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 <small>Lat &amp; Long: 51.816596, -120.007327 Elevation: 1044ft/318m Aspect: N 000° 15.0m Altitude: 1044ft / 318m Azimuth: 000° 15.0m Azimuth deg: 000.00 Elevation deg: 30.0 Elevation angle: 30.0 Zone: 10C</small>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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## Crown Fuels:

 <small>Lat &amp; Long: 51.816596, -120.007327 Elevation: 1044ft/318m Aspect: N 000° 15.0m Altitude: 1044ft / 318m Azimuth: 000° 15.0m Azimuth deg: 000.00 Elevation deg: 30.0 Elevation angle: 30.0 Zone: 10C</small>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # 5
Location 100 Mile House	Date June 19, 2025	Assessor/ Professional Designation RPF HS	
Coordinates (Lat/Long - Degrees/Decimal minutes): 1325284, 747357			

Component/Sub Component		Levels/Classes									
<b>Forest Floor and Organic Layer</b>											
1	Depth of organic Layer	1 - <2	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	2 - <5	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	5 - <10	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	10 - 20	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	>20	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>
<b>Surface and Ladder Fuel (0.1 - 3.0 metres in height)</b>											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	Lichen, Conifer shrubs	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">6</span>	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Pinegrass	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	Sagebrush, Bunchgrass, Juniper, Scotch broom	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
3	Dead and Down Material Continuity (<7cm)	Absent	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Scattered <10 coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	10-25% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	26-50% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">12</span>	>50% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
4	Ladder Fuel Composition	Deciduous/ None	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Mixwood	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	Other Conifer	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Elevated dead fuel	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10</span>	Spruce/Fir/ Pine	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
5	Ladder Fuel Horizontal Continuity	Absent	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Sparse <10% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	Scattered 10 - 39% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	Patchy 40-60% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10</span>	Uniform >60% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
6	Stem/ha (understory) <sup>3</sup>	<500	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	501-800	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	801-1200	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">6</span>	1201-1500	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	>1500	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
<b>Stand Structure and Composition (Dominant and Co-Dominate stems)</b>											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Mixwood (% Conifer) 25% 50% 75%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	Conifer with high CBH (> 10m)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	Conifer with moderate CBH (5-9m)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	Conifer with low CBH (< 5m)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
8	Crown Closure	< 20%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	20 - 40% or deciduous overstory	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	41-60%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	61-80%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	>80%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>
9	Fuel Strata Gap <sup>4</sup> (m)			> 10	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	6 - 9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">1</span>	3 - 6	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	< 3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
10	Stems/ha Overstory (livegrn dom & codom)	< 400	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	401 - 600	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	601 - 900	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	901 - 1200	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	> 1200	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down < 20%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	Standing Dead/ Partial down 21 - 50%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	Standing Dead/ Partial down 51 - 75%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Standing Dead/ Partial down > 75%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10</span>

Ecoprovince Central Interior (0/44/61/73)	Threat Assessment Moderate	WTA Total 57
Comments Hand treatment due to park Primarily Fd but Sx along stream / riparian area		

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)						
PSTA Threat	8					
FBP Fuel Type	C-7					
Assessor's FBP Fuel Type: C-7	Ownership: Crown					
Assessor's Fuel Type Rationale <sup>1</sup> :						
Value Description (include type of value and distance to the value from the proposed treatment area): Hospital Secondary evacuation route (Horse Lk Rd) Fire station / public works yard Residential property School Commercial building						
<b>Landscape Assessment</b>						
Proximity of Fuel treatment area to Value (m)	0 - 100	(  )	101 - 500	(  )	501 - 1000	(  )
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	(  )	No	(  )		
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	(  )	90° Offset to Prevailing Wind/ highest ISI values	(  )	270° Offset to Prevailing Wind/ highest ISI values	(  )
Distance to nearest vehicle access (m)	0 - 200 m	(  )	201 - 400 m	(  )	401 - 1000 m	(  )
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	(  )	201 - 400 m	(  )	401 - 1000 m	(  )
Landscape Subtotal:					35	
<b>Topographical Factors</b>						
Topography: Slope	<20%	(  )	21 - 30%	(  )	31 - 45%	(  )
Topography: Aspect (>20% Slope)	North	(  )	East/Flat	(  )	West	(  )
Slope position of value (only applies if slope is >20%)	Bottom or Slope/ Valley bottom	(  )	MidSlope - Bench	(  )	Mid Slope - continuous	(  )
Topographical Factors Subtotal:					3	
Comments Recommend high priority given proximity to many values / critical infrastructure Hand treatment						
Total Priority Setting Score:					38	

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type: C-7	Slope %: 15	Aspect (deg.): variable
Elevation (m): 1030	Canopy Closure %: 30	Ave. Forest Floor Depth (cm): 2

**Surface Fuels:**

 <p>Geotag: 100 Mile House, BC, Canada Latitude: 54.027545171701 ± 5.0m Longitude: -125.163333333333 ± 5.0m Altitude: 1030m ± 60m Datum: NAD83 Azimuth: 100.0° ± 1.0° Elevation: 1030m ± 60m Elevation Grid: 1000m Relative Closure: 30.0% ZIndex: 1.0x</p>	<p>Theodolite: Choose from Drop</p> <p>Photo Comments:</p>
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**Ladder Fuels:**

 <p>Geotag: 100 Mile House, BC, Canada Latitude: 54.027545171701 ± 5.0m Longitude: -125.163333333333 ± 5.0m Altitude: 1030m ± 60m Datum: NAD83 Azimuth: 100.0° ± 1.0° Elevation: 1030m ± 60m Elevation Grid: 1000m Relative Closure: 30.0% ZIndex: 1.0x</p>	<p>Theodolite: Choose from Drop I</p> <p>Photo Comments:</p>
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 <p>Geotag: 100 Mile House, BC, Canada Latitude: 54.027545171701 ± 5.0m Longitude: -125.163333333333 ± 5.0m Altitude: 1030m ± 60m Datum: NAD83 Azimuth: 100.0° ± 1.0° Elevation: 1030m ± 60m Elevation Grid: 1000m Relative Closure: 30.0% ZIndex: 1.0x</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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Ladder Fuels (*continued*)

 <p>Latitude: 53.980000 N Longitude: 120.433333 W Elevation: 1000.000000 m Azimuth: 311° 30' 00" Magnetic Declination: 10° 00' 00" E Elevation Grade: +10% Horizontal Grade: 0.00% Zoom: 1.0X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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 <p>Latitude: 53.980000 N Longitude: 120.433333 W Elevation: 1000.000000 m Azimuth: 311° 30' 00" Magnetic Declination: 10° 00' 00" E Elevation Grade: +10% Horizontal Grade: 0.00% Zoom: 1.0X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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## Crown Fuels:

 <p>Date &amp; Time: Thu, Jun 19, 2025, 16:23:47 PDT Point ID: 8 N 539999 S 120 W 000 E 000 m Altitude: 1000.00 m Datum: WGS-84 Azimuth/Bearing: 311° N49W 5529miles Magnetic (+20°) Elevation Grade: +10% Horizontal Grade: +10% Zoom: 1.0X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot #	HS6
Location 100 Mile House	Date June 20, 2025	Assessor/ Professional Designation	RPF HS	
Coordinates (Lat/Long - Degrees/Decimal minutes): 121.2622978°W 51.6336704°N				

Component/Sub Component		Levels/Classes									
		Forest Floor and Organic Layer									
1	Depth of organic Layer	1 - <2	●	2 - <5	3	5 - <10	5	10 - 20	3	>20	2
Surface and Ladder Fuel (0.1 - 3.0 metres in height)											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	4	Lichen, Conifer shrubs	6	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	●	Pinegrass	10	Sagebrush, Bunchgrass, Juniper, Scotch broom	15
3	Dead and Down Material Continuity (<7cm)	Absent	0	Scattered <10 coverage	●	10-25% coverage	8	26-50% coverage	12	>50% coverage	15
4	Ladder Fuel Composition	Deciduous/ None	0	Mixwood	5	Other Conifer	8	Elevated dead fuel	10	Spruce/Fir/ Pine	15
5	Ladder Fuel Horizontal Continuity	Absent	0	Sparse <10% coverage	2	Scattered 10 - 39% coverage	●	Patchy 40-60% coverage	10	Uniform >60% coverage	15
6	Stem/ha (understory) <sup>3</sup>	<500	2	501-800	4	801-1200	●	1201-1500	8	>1500	15
Stand Structure and Composition (Dominant and Co-Dominate stems)											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	0	Mixwood (% Conifer) 25% 50% 75%	0 2 3	Conifer with high CBH (> 10m)	3	Conifer with moderate CBH (5-9m)	4	Conifer with low CBH (<5m)	●
8	Crown Closure	< 20%	0	20 - 40% or deciduous overstory	●	41-60%	2	61-80%	5	>80%	4
9	Fuel Strata Gap <sup>4</sup> (m)			> 10	0	6 - 9	1	3 - 6	3	< 3	●
10	Stems/ha Overstory (livegreen dom & codom)	< 400	0	401 - 600	2	601 - 900	●	901 - 1200	4	> 1200	5
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down <20%	●	Standing Dead/ Partial down 21 - 50%	5	Standing Dead/ Partial down 51 - 75%	8	Standing Dead/ Partial down >75%	10

Ecoprovince Central Interior (0/44/61/73)	Threat Assessment Moderate	WTA Total 58
Comments		
Fd10 DBH 20-45 Ht25+		
Understory Fd10 patchy		
Fwd 8 CWD 10		
Treatment		

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)																	
PSTA Threat	8						FBP Fuel Type	C-7									
Assessor's FBP Fuel Type: C-7			Ownership: Crown														
Assessor's Fuel Type Rationale <sup>1</sup> :																	
Value Description (include type of value and distance to the value from the proposed treatment area): Residential property downwind of assessment area																	
<b>Landscape Assessment</b>																	
Proximity of Fuel treatment area to Value (m)	0 - 100	(25)	101 - 500	(0)	501 - 1000	(15)	1000 - 2000	(5)	>2000	(0)							
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes		(0)	No		(0)											
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind		(0)	90° Offset to Prevailing Wind/ highest ISI values		(10)	270° Offset to Prevailing Wind/ highest ISI values		(7)		Upwind/ highest ISI values		(15)				
Distance to nearest vehicle access (m)	0 - 200 m		(0)	201 - 400 m		(3)	401 - 1000 m		(1)		> 1000 m		(0)				
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m		(0)	201 - 400 m		(3)	401 - 1000 m		(1)		> 1000 m		(0)				
Landscape Subtotal:												35					
<b>Topographical Factors</b>																	
Topography: Slope	<20%		(0)	21 - 30%		(0)	31 - 45%		(3)		46 - 60%		(4)		>60%		(5)
Topography: Aspect (>20% Slope)			North		(0)		East/Flat		(3)		West		(0)		South		(5)
Slope position of value (only applies if slope is >20%)			Bottom or Slope/ Valley bottom		(0)		MidSlope - Bench		(0)		Mid Slope - continuous		(3)		Upper 1/3 of slope		(5)
Topographical Factors Subtotal:												6					
Comments																	
Recommend lower priority due to proximity to values, and steep slopes adjacent to values that would limit treatment options. Fireguard already built to protect values																	
Total Priority Setting Score:												41					

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type: C-7	Slope %: 28	Aspect (deg.): 292
Elevation (m): 1115	Canopy Closure %: 35	Ave. Forest Floor Depth (cm): 2

**Surface Fuels:**

 <small>GPS: 104.11667, 54.81667 Date: 2025-05-22 Fuels: C-7 (28%) Slope: 28% Aspect: 292 Elevation: 1115m Canopy: 35% Forest Floor: 2cm Depth: 2cm Ground Cover: 30% Soil: 100% Aspect: 292</small>	<p>Theodolite: Choose from Drop</p> <p>Photo Comments:</p>
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**Ladder Fuels:**

 <small>GPS: 104.11667, 54.81667 Date: 2025-05-22 Fuels: C-7 (28%) Slope: 28% Aspect: 292 Elevation: 1115m Canopy: 35% Forest Floor: 2cm Depth: 2cm Ground Cover: 30% Soil: 100% Aspect: 292</small>	<p>Theodolite: Choose from Drop I</p> <p>Photo Comments:</p>
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 <small>GPS: 104.11667, 54.81667 Date: 2025-05-22 Fuels: C-7 (28%) Slope: 28% Aspect: 292 Elevation: 1115m Canopy: 35% Forest Floor: 2cm Depth: 2cm Ground Cover: 30% Soil: 100% Aspect: 292</small>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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Ladder Fuels (*continued*)

 <p>Date &amp; Time: Fri, Jun 29, 2018 09:35:11 PDT Position: 10 N 620266.502 W 141.000000 Altitude: 1110m (3647ft) Datum: WGS-84 Azimuth/Bearing: 112° 30' 00" E Elevation/Grade: 1027 Horizon/Grade: 1035 Zoom: 1.0X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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 <p>Date &amp; Time: Thu, Jun 28, 2018 09:35:11 PDT Position: 10 N 620266.502 W 141.000000 Altitude: 1110m (3647ft) Datum: WGS-84 Azimuth/Bearing: 112° 30' 00" E Elevation/Grade: 1027 Horizon/Grade: 1035 Zoom: 1.0X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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## Crown Fuels:

 <p>Date &amp; Time: Thu, Jun 28, 2018 09:35:11 PDT Position: 10 N 620266.502 W 141.000000 Altitude: 1110m (3647ft) Datum: WGS-84 Azimuth/Bearing: 267° S87W 47° (Miller Keenhead, 2017) Angle: 10° Horizon Grade: -0001 Zoom: 1.0X</p>	<p>Theodolite: Choose from Drop D</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # LH-1
Location 100MH Exeter	Date June 16, 2025	Assessor/ Professional Designation RPF LHill	
Coordinates (Lat/Long - Degrees/Decimal minutes): 616899, 5724400			

Component/Sub Component		Levels/Classes									
<b>Forest Floor and Organic Layer</b>											
1	Depth of organic Layer	1 - <2	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	2 - <5	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	5 - <10	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	10 - 20	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	>20	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>
<b>Surface and Ladder Fuel (0.1 - 3.0 metres in height)</b>											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	Lichen, Conifer shrubs	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">6</span>	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	Pinegrass	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10</span>	Sagebrush, Bunchgrass, Juniper, Scotch broom	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
3	Dead and Down Material Continuity (<7cm)	Absent	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Scattered <10 coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	10-25% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	26-50% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">12</span>	>50% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
4	Ladder Fuel Composition	Deciduous/ None	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Mixwood	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	Other Conifer	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Elevated dead fuel	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10</span>	Spruce/Fir/ Pine	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
5	Ladder Fuel Horizontal Continuity	Absent	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Sparse <10% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	Scattered 10 - 39% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Patchy 40-60% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	Uniform >60% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
6	Stem/ha (understory) <sup>3</sup>	<500	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	501-800	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	801-1200	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">6</span>	1201-1500	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	>1500	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
<b>Stand Structure and Composition (Dominant and Co-Dominate stems)</b>											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Mixwood (% Conifer) 25% 50% 75%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	Conifer with high CBH (> 10m)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	Conifer with moderate CBH (5-9m)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	Conifer with low CBH (< 5m)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
8	Crown Closure	< 20%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	20 - 40% or deciduous overstory	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	41-60%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	61-80%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	>80%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>
9	Fuel Strata Gap <sup>4</sup> (m)			> 10	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	6 - 9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">1</span>	3 - 6	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	< 3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
10	Stems/ha Overstory (livegrn dom & codom)	< 400	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	401 - 600	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	601 - 900	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	901 - 1200	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	> 1200	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down < 20%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	Standing Dead/ Partial down 21 - 50%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	Standing Dead/ Partial down 51 - 75%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Standing Dead/ Partial down > 75%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10</span>

Ecoprovince Central Interior (0/44/61/73)		Threat Assessment High	WTA Total 68
Comments  Overstory: Fd10 600-700 sph - thrifty - 17-20 cm DBH, 18-20 m Understory: Fd10 2000 sph - minimal L4s, L3s dying/small crowns LWD 5.0 t/ha, FWD 5-8 t/ha CBH at floor, overlap with ladder fuels			

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)															
PSTA Threat	7						FBP Fuel Type	C-7							
Assessor's FBP Fuel Type: C-7			Ownership: Crown												
Assessor's Fuel Type Rationale <sup>1</sup> :															
Value Description (include type of value and distance to the value from the proposed treatment area): Light industry to the south Water structure to east Transmission lines to the north															
Landscape Assessment															
Proximity of Fuel treatment area to Value (m)	0 - 100	<input checked="" type="radio"/>	101 - 500	<input checked="" type="radio"/>	501 - 1000	<input checked="" type="radio"/>	1000 - 2000	<input checked="" type="radio"/>	>2000	<input checked="" type="radio"/>	0	1	2	3	4
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	<input checked="" type="radio"/>	No	<input checked="" type="radio"/>											
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	<input checked="" type="radio"/>	90° Offset to Prevailing Wind/ highest ISI values	<input checked="" type="radio"/>	270° Offset to Prevailing Wind/ highest ISI values	<input checked="" type="radio"/>	Upwind/ highest ISI values	<input checked="" type="radio"/>							
Distance to nearest vehicle access (m)	0 - 200 m	<input checked="" type="radio"/>	201 - 400 m	<input checked="" type="radio"/>	401 - 1000 m	<input checked="" type="radio"/>	> 1000 m	<input checked="" type="radio"/>							
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	<input checked="" type="radio"/>	201 - 400 m	<input checked="" type="radio"/>	401 - 1000 m	<input checked="" type="radio"/>	> 1000 m	<input checked="" type="radio"/>							
Landscape Subtotal:										50					
Topographical Factors															
Topography: Slope	<20%	<input checked="" type="radio"/>	21 - 30%	<input checked="" type="radio"/>	31 - 45%	<input checked="" type="radio"/>	46 - 60%	<input checked="" type="radio"/>	>60%	<input checked="" type="radio"/>	0	1	2	3	4
Topography: Aspect (>20% Slope)		North	<input checked="" type="radio"/>	East/Flat	<input checked="" type="radio"/>	West	<input checked="" type="radio"/>	South	<input checked="" type="radio"/>						
Slope position of value (only applies if slope is >20%)		Bottom or Slope/ Valley bottom	<input checked="" type="radio"/>	MidSlope - Bench	<input checked="" type="radio"/>	Mid Slope - continuous	<input checked="" type="radio"/>	Upper 1/3 of slope	<input checked="" type="radio"/>						
Topographical Factors Subtotal:										4					
Comments															
Total Priority Setting Score:										54					

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type: C-7	Slope %: 8	Aspect (deg.): W
Elevation (m): 990	Canopy Closure %: 25	Ave. Forest Floor Depth (cm): 1

**Surface Fuels:**

	Theodolite: Theodolite
	Photo Comments:

**Ladder Fuels:**

	Theodolite: North
	Photo Comments:

	Theodolite: East
	Photo Comments:

Ladder Fuels (*continued*)

	<p>Theodolite: South</p> <p>Photo Comments:</p>
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	<p>Theodolite: West</p> <p>Photo Comments:</p>
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## Crown Fuels:

	<p>Theodolite: Theodolite</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # LH-2
Location 100MH Exeter	Date June 16, 2025	Assessor/ Professional Designation	RPF LHill
Coordinates (Lat/Long - Degrees/Decimal minutes): 617633, 5724357			

Component/Sub Component		Levels/Classes									
<b>Forest Floor and Organic Layer</b>											
1	Depth of organic Layer	1 - <2	●	2 - <5	3	5 - <10	5	10 - 20	3	>20	2
<b>Surface and Ladder Fuel (0.1 - 3.0 metres in height)</b>											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	4	Lichen, Conifer shrubs	6	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	8	Pinegrass	●	Sagebrush, Bunchgrass, Juniper, Scotch broom	15
3	Dead and Down Material Continuity (<7cm)	Absent	0	Scattered <10 coverage	4	10-25% coverage	●	26-50% coverage	12	>50% coverage	15
4	Ladder Fuel Composition	Deciduous/ None	0	Mixwood	5	Other Conifer	8	Elevated dead fuel	10	Spruce/Fir/ Pine	●
5	Ladder Fuel Horizontal Continuity	Absent	0	Sparse <10% coverage	2	Scattered 10 - 39% coverage	●	Patchy 40-60% coverage	10	Uniform >60% coverage	15
6	Stem/ha (understory) <sup>3</sup>	<500	2	501-800	4	801-1200	6	1201-1500	8	>1500	●
<b>Stand Structure and Composition (Dominant and Co-Dominate stems)</b>											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	0	Mixwood (% Conifer) 25% 50% 75%	0 2 3	Conifer with high CBH (> 10m)	3	Conifer with moderate CBH (5-9m)	4	Conifer with low CBH (<5m)	●
8	Crown Closure	< 20%	0	20 - 40% or deciduous overstory	●	41-60%	2	61-80%	5	>80%	4
9	Fuel Strata Gap <sup>4</sup> (m)			> 10	0	6 - 9	1	3 - 6	3	< 3	●
10	Stems/ha Overstory (livegreen dom & codom)	< 400	0	401 - 600	●	601 - 900	3	901 - 1200	4	> 1200	5
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down < 20%	●	Standing Dead/ Partial down 21 - 50%	5	Standing Dead/ Partial down 51 - 75%	8	Standing Dead/ Partial down > 75%	10

Ecoprovince Central Interior (0/44/61/73)	Threat Assessment High	WTA Total 67
Comments Same forest type as LH-1, but has been partial cut so stand is patchy with At dominated openings. Laid out WF block		

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)															
PSTA Threat	7						FBP Fuel Type	C-7							
Assessor's FBP Fuel Type: C-7			Ownership: Crown												
Assessor's Fuel Type Rationale <sup>1</sup> :															
Value Description (include type of value and distance to the value from the proposed treatment area): Light industry to the south Hwy 97 to the east Water infrastructure Transmission line															
Landscape Assessment															
Proximity of Fuel treatment area to Value (m)	0 - 100	<input checked="" type="radio"/>	101 - 500	<input checked="" type="radio"/>	501 - 1000	<input checked="" type="radio"/>	1000 - 2000	<input checked="" type="radio"/>	>2000	<input checked="" type="radio"/>	0	20	15	5	0
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	<input checked="" type="radio"/>	No	<input checked="" type="radio"/>											
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	<input checked="" type="radio"/>	90° Offset to Prevailing Wind/ highest ISI values	<input checked="" type="radio"/>	270° Offset to Prevailing Wind/ highest ISI values	<input checked="" type="radio"/>	Upwind/ highest ISI values	<input checked="" type="radio"/>	7	0	10	0	0	0	0
Distance to nearest vehicle access (m)	0 - 200 m	<input checked="" type="radio"/>	201 - 400 m	<input checked="" type="radio"/>	401 - 1000 m	<input checked="" type="radio"/>	> 1000 m	<input checked="" type="radio"/>	0	0	1	0	0	0	0
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	<input checked="" type="radio"/>	201 - 400 m	<input checked="" type="radio"/>	401 - 1000 m	<input checked="" type="radio"/>	> 1000 m	<input checked="" type="radio"/>	0	0	1	0	0	0	0
Landscape Subtotal:										50					
Topographical Factors															
Topography: Slope	<20%	<input checked="" type="radio"/>	21 - 30%	<input checked="" type="radio"/>	31 - 45%	<input checked="" type="radio"/>	46 - 60%	<input checked="" type="radio"/>	>60%	<input checked="" type="radio"/>	5	4	3	0	0
Topography: Aspect (>20% Slope)		North	<input checked="" type="radio"/>	East/Flat	<input checked="" type="radio"/>	West	<input checked="" type="radio"/>	South	<input checked="" type="radio"/>	0	4	0	5	0	0
Slope position of value (only applies if slope is >20%)		Bottom or Slope/ Valley bottom	<input checked="" type="radio"/>	MidSlope - Bench	<input checked="" type="radio"/>	Mid Slope - continuous	<input checked="" type="radio"/>	Upper 1/3 of slope	<input checked="" type="radio"/>	0	1	3	0	5	0
Topographical Factors Subtotal:										3					
Comments															
Total Priority Setting Score:										53					

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type: C-7	Slope %: 5	Aspect (deg.): Variable
Elevation (m): 990	Canopy Closure %: 25	Ave. Forest Floor Depth (cm): 2

**Surface Fuels:**

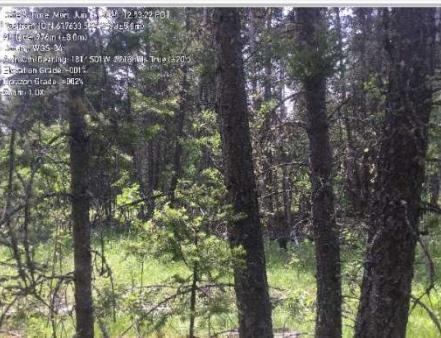
	Theodolite: Theodolite Photo Comments:
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**Ladder Fuels:**

	Theodolite: North Photo Comments:
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	Theodolite: East Photo Comments:
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Ladder Fuels (*continued*)

 <p>Latitude: 51.850000 N Longitude: -120.220000 W Elevation: 1184.500000 m Aspect: 180.000000 Azimuth: 000.000000 Elevation Grade: 0.000000 Aspect Grade: 0.000000 Hazard Grade: 1.000000</p>	<p>Theodolite: South</p> <p>Photo Comments:</p>
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 <p>Latitude: 51.850000 N Longitude: -120.220000 W Elevation: 1184.500000 m Aspect: 180.000000 Azimuth: 000.000000 Elevation Grade: 0.000000 Aspect Grade: 0.000000 Hazard Grade: 1.000000</p>	<p>Theodolite: West</p> <p>Photo Comments:</p>
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## Crown Fuels:

 <p>Latitude: 51.850000 N Longitude: -120.220000 W Elevation: 1184.500000 m Aspect: 180.000000 Azimuth: 000.000000 Elevation Grade: 0.000000 Aspect Grade: 0.000000 Hazard Grade: 1.000000</p>	<p>Theodolite: Theodolite</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # LH-3
Location 99 Mile Trails	Date June 16, 2025	Assessor/ Professional Designation RPF LHill	
Coordinates (Lat/Long - Degrees/Decimal minutes): 617254, 5720454			

Component/Sub Component		Levels/Classes									
<b>Forest Floor and Organic Layer</b>											
1	Depth of organic Layer	1 - <2	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	2 - <5	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	5 - <10	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	10 - 20	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	>20	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>
<b>Surface and Ladder Fuel (0.1 - 3.0 metres in height)</b>											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	Lichen, Conifer shrubs	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">6</span>	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Pinegrass	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	Sagebrush, Bunchgrass, Juniper, Scotch broom	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
3	Dead and Down Material Continuity (<7cm)	Absent	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Scattered <10 coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	10-25% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	26-50% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">12</span>	>50% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
4	Ladder Fuel Composition	Deciduous/ None	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Mixwood	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	Other Conifer	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Elevated dead fuel	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10</span>	Spruce/Fir/ Pine	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
5	Ladder Fuel Horizontal Continuity	Absent	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Sparse <10% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	Scattered 10 - 39% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Patchy 40-60% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	Uniform >60% coverage	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">15</span>
6	Stem/ha (understory) <sup>3</sup>	<500	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	501-800	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	801-1200	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">6</span>	1201-1500	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	>1500	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
<b>Stand Structure and Composition (Dominant and Co-Dominate stems)</b>											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	Mixwood (% Conifer) 25% 50% 75%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	Conifer with high CBH (> 10m)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	Conifer with moderate CBH (5-9m)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	Conifer with low CBH (<5m)	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
8	Crown Closure	< 20%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	20 - 40% or deciduous overstory	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	41-60%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2</span>	61-80%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	>80%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>
9	Fuel Strata Gap <sup>4</sup> (m)			> 10	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	6 - 9	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">1</span>	3 - 6	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	< 3	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>
10	Stems/ha Overstory (Livegreen dom & codom)	< 400	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">0</span>	401 - 600	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	601 - 900	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span>	901 - 1200	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">4</span>	> 1200	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down < 20%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">●</span>	Standing Dead/ Partial down 21 - 50%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">5</span>	Standing Dead/ Partial down 51 - 75%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">8</span>	Standing Dead/ Partial down > 75%	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10</span>

Ecoprovince Central Interior (0/44/61/73)	Threat Assessment High	WTA Total 65
Comments Fuel type change. C7, mature Fd forest Overstory Fd9Sx1 Understory Fd9Sx1 Thick understory = ladder fuels CBH 1-5 m, overlap with ladders FWD 10 t/ha LED 5 t/ha		

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)															
PSTA Threat	7						FBP Fuel Type	O-1a							
Assessor's FBP Fuel Type: C-7			Ownership: Crown												
Assessor's Fuel Type Rationale <sup>1</sup> :															
Value Description (include type of value and distance to the value from the proposed treatment area): Hwy 97 Recreation trails															
Landscape Assessment															
Proximity of Fuel treatment area to Value (m)	0 - 100	<input checked="" type="radio"/>	101 - 500	<input checked="" type="radio"/>	501 - 1000	<input checked="" type="radio"/>	1000 - 2000	<input checked="" type="radio"/>	>2000	<input checked="" type="radio"/>	0	1	2	3	4
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	<input checked="" type="radio"/>	No	<input checked="" type="radio"/>											
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	<input checked="" type="radio"/>	90° Offset to Prevailing Wind/ highest ISI values	<input checked="" type="radio"/>	270° Offset to Prevailing Wind/ highest ISI values	<input checked="" type="radio"/>	Upwind/ highest ISI values	<input checked="" type="radio"/>	1	2	3	4	5	6	7
Distance to nearest vehicle access (m)	0 - 200 m	<input checked="" type="radio"/>	201 - 400 m	<input checked="" type="radio"/>	401 - 1000 m	<input checked="" type="radio"/>	> 1000 m	<input checked="" type="radio"/>	0	1	2	3	4	5	6
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	<input checked="" type="radio"/>	201 - 400 m	<input checked="" type="radio"/>	401 - 1000 m	<input checked="" type="radio"/>	> 1000 m	<input checked="" type="radio"/>	0	1	2	3	4	5	6
Landscape Subtotal:										55					
Topographical Factors															
Topography: Slope	<20%	<input checked="" type="radio"/>	21 - 30%	<input checked="" type="radio"/>	31 - 45%	<input checked="" type="radio"/>	46 - 60%	<input checked="" type="radio"/>	>60%	<input checked="" type="radio"/>	0	1	2	3	4
Topography: Aspect (>20% Slope)		North	<input checked="" type="radio"/>	East/Flat	<input checked="" type="radio"/>	West	<input checked="" type="radio"/>	South	<input checked="" type="radio"/>	0	1	2	3	4	5
Slope position of value (only applies if slope is >20%)		Bottom or Slope/ Valley bottom	<input checked="" type="radio"/>	MidSlope - Bench	<input checked="" type="radio"/>	Mid Slope - continuous	<input checked="" type="radio"/>	Upper 1/3 of slope	<input checked="" type="radio"/>	0	1	2	3	4	5
Topographical Factors Subtotal:										0					
Comments															
Total Priority Setting Score:										55					

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type: C-7	Slope %: 12	Aspect (deg.): NE
Elevation (m): 1111	Canopy Closure %: 20	Ave. Forest Floor Depth (cm): 1

**Surface Fuels:**

 <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Latitude: 51.80000000000001</span> <span>Longitude: -120.00000000000002</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Position: 10N 51725S 51746E 155.00000000000001</span> <span>Altitude: 1107 m (3,620 ft)</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Condition: WSS-0%</span> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Exposure: NNE</span> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> </div>	<p>Theodolite: Theodolite</p> <p>Photo Comments:</p>
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**Ladder Fuels:**

 <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Latitude: 51.80000000000001</span> <span>Longitude: -120.00000000000002</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Position: 10N 51725S 51746E 155.00000000000001</span> <span>Altitude: 1107 m (3,620 ft)</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Condition: WSS-0%</span> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Exposure: NNE</span> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> </div>	<p>Theodolite: North</p> <p>Photo Comments:</p>
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 <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Latitude: 51.80000000000001</span> <span>Longitude: -120.00000000000002</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Position: 10N 51725S 51746E 155.00000000000001</span> <span>Altitude: 1107 m (3,620 ft)</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Condition: WSS-0%</span> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Exposure: NNE</span> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> <span>Aspect: 124° Slope: 20.11° Elevation: 1111 m</span> </div>	<p>Theodolite: East</p> <p>Photo Comments:</p>
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Ladder Fuels (*continued*)

 <p>Data &amp; Time: Mon, Jun 16, 2025, 15:43:22 PDT    Position: 19 N 617230 0729433 ±5.0m    Altitude: 1094m ±5.0m    Datum: WGS 84    Azimuth/Bearing: 288° N72W 5120mals True ±20°    Elevation Grade: +174.6%    Horizon Grade: -125.1%    Zoom: 1.0X</p>	<p>Theodolite: South</p> <p>Photo Comments:</p>
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 <p>Data &amp; Time: Mon, Jun 16, 2025, 15:43:22 PDT    Position: 19 N 617230 0729433 ±5.0m    Altitude: 1094m ±5.0m    Datum: WGS 84    Azimuth/Bearing: 288° N72W 5120mals True ±20°    Elevation Grade: +174.6%    Horizon Grade: -125.1%    Zoom: 1.0X</p>	<p>Theodolite: West</p> <p>Photo Comments:</p>
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## Crown Fuels:

 <p>Data &amp; Time: Mon, Jun 16, 2025, 15:43:22 PDT    Position: 19 N 617230 0729433 ±5.0m    Altitude: 1094m ±5.0m    Datum: WGS 84    Azimuth/Bearing: 288° N72W 5120mals True ±20°    Elevation Grade: +174.6%    Horizon Grade: -125.1%    Zoom: 1.0X</p>	<p>Theodolite: Theodolite</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # LH-4
Location 99 Mile Trails	Date June 16, 2025	Assessor/ Professional Designation	RPF LHill
Coordinates (Lat/Long - Degrees/Decimal minutes): 617548, 5720443			

Component/Sub Component		Levels/Classes									
Forest Floor and Organic Layer											
1	Depth of organic Layer	1 - <2	1	2 - <5	2	5 - <10	5	10 - 20	3	>20	2
Surface and Ladder Fuel (0.1 - 3.0 metres in height)											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	4	Lichen, Conifer shrubs	6	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	1	Pinegrass	10	Sagebrush, Bunchgrass, Juniper, Scotch broom	15
3	Dead and Down Material Continuity (<7cm)	Absent	0	Scattered <10 coverage	4	10-25% coverage	1	26-50% coverage	12	>50% coverage	15
4	Ladder Fuel Composition	Deciduous/ None	0	Mixwood	5	Other Conifer	8	Elevated dead fuel	10	Spruce/Fir/ Pine	15
5	Ladder Fuel Horizontal Continuity	Absent	0	Sparse <10% coverage	2	Scattered 10 - 39% coverage	1	Patchy 40-60% coverage	10	Uniform >60% coverage	15
6	Stem/ha (understory) <sup>3</sup>	<500	2	501-800	2	801-1200	6	1201-1500	8	>1500	15
Stand Structure and Composition (Dominant and Co-Dominant stems)											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	0	Mixwood (% Conifer) 25% 50% 75%	0 2 3	Conifer with high CBH (> 10m)	3	Conifer with moderate CBH (5-9m)	4	Conifer with low CBH (<5m)	1
8	Crown Closure	< 20%	0	20 - 40% or deciduous overstory	1	41-60%	2	61-80%	5	>80%	4
9	Fuel Strata Gap <sup>4</sup> (m)			> 10	0	6 - 9	1	3 - 6	3	< 3	1
10	Stems/ha Overstory (livegrn dom & codom)	< 400	0	401 - 600	2	601 - 900	3	901 - 1200	4	> 1200	5
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down <20%	1	Standing Dead/ Partial down 21 - 50%	5	Standing Dead/ Partial down 51 - 75%	8	Standing Dead/ Partial down >75%	10
Ecoprovince Central Interior (0/44/61/73)						Threat Assessment High	WTA Total 61				
Comments Overstory Fd10 400-500 sph, 17-30 cm DBH, 22 m Understory Fd10 CBH 0 m, overlap with ladders FWD 10 t/ha LWD 5 t/ha											

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)						
PSTA Threat	8					
FBP Fuel Type	C-7					
Assessor's FBP Fuel Type: C-7	Ownership: Crown					
Assessor's Fuel Type Rationale <sup>1</sup> :						
Value Description (include type of value and distance to the value from the proposed treatment area): Hwy 97 Rec trails						
Landscape Assessment						
Proximity of Fuel treatment area to Value (m)	0 - 100	(  )	101 - 500	(  )	501 - 1000	(  )
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	(  )	No	(  )		
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	(  )	90° Offset to Prevailing Wind/ highest ISI values	(  )	270° Offset to Prevailing Wind/ highest ISI values	(  )
Distance to nearest vehicle access (m)	0 - 200 m	(  )	201 - 400 m	(  )	401 - 1000 m	(  )
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	(  )	201 - 400 m	(  )	401 - 1000 m	(  )
Landscape Subtotal:						55
Topographical Factors						
Topography: Slope	<20%	(  )	21 - 30%	(  )	31 - 45%	(  )
Topography: Aspect (>20% Slope)	North	(  )	East/Flat	(  )	West	(  )
Slope position of value (only applies if slope is >20%)	Bottom or Slope/ Valley bottom	(  )	MidSlope - Bench	(  )	Mid Slope - continuous	(  )
Topographical Factors Subtotal:						0
Comments						
Total Priority Setting Score:						55

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type:	C-7	Slope %:	20	Aspect (deg.):	NE
Elevation (m):	1111	Canopy Closure %:	25	Ave. Forest Floor Depth (cm):	2

**Surface Fuels:**

	Theodolite: Theodolite
	Photo Comments:

**Ladder Fuels:**

	Theodolite: North
	Photo Comments:

	Theodolite: East
	Photo Comments:

Ladder Fuels (*continued*)

 <p>Date &amp; Time: Mon, Jun 15, 2020 15:22:19 Position: 49°N 131°W (500m ESE 25-31-12) Altitude: 1770m (5.140ft) Azimuth/Bearing: 234.5° N of E (80m E of N) Elevation Grade: 0.00% Horizon Grade: 0.00% Zoom: 1.0x</p>	<p>Theodolite: South</p> <p>Photo Comments:</p>
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 <p>Date &amp; Time: Mon, Jun 15, 2020 15:22:37 Position: 49°N 131°W (500m ESE 25-31-12) Altitude: 1770m (5.140ft) Azimuth/Bearing: 234.5° N of E (80m E of N) Elevation Grade: 0.00% Horizon Grade: 0.00% Zoom: 1.0x</p>	<p>Theodolite: West</p> <p>Photo Comments:</p>
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## Crown Fuels:

 <p>Date &amp; Time: Mon, Jun 15, 2020 15:22:52 Position: 49°N 131°W (500m ESE 25-31-12) Altitude: 1770m (5.140ft) Azimuth/Bearing: 234.5° N of E (80m E of N) Elevation Grade: 0.00% Horizon Grade: 0.00% Zoom: 1.0x</p>	<p>Theodolite: Theodolite</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # LH-5
Location 100MH Centennial Park	Date June 16, 2025	Assessor/ Professional Designation RPF LHill	
Coordinates (Lat/Long - Degrees/Decimal minutes): 618956, 5722508			

Component/Sub Component		Levels/Classes									
Forest Floor and Organic Layer											
1	Depth of organic Layer	1 - <2	1	2 - <5	2	5 - <10	5	10 - 20	3	>20	2
Surface and Ladder Fuel (0.1 - 3.0 metres in height)											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs	4	Lichen, Conifer shrubs	6	Dead fines (leaves, needles or fine branch material) fuel (<1 cm)	1	Pinegrass	10	Sagebrush, Bunchgrass, Juniper, Scotch broom	15
3	Dead and Down Material Continuity (<7cm)	Absent	0	Scattered <10 coverage	4	10-25% coverage	1	26-50% coverage	12	>50% coverage	15
4	Ladder Fuel Composition	Deciduous/ None	0	Mixwood	5	Other Conifer	8	Elevated dead fuel	10	Spruce/Fir/ Pine	15
5	Ladder Fuel Horizontal Continuity	Absent	0	Sparse <10% coverage	2	Scattered 10 - 39% coverage	1	Patchy 40-60% coverage	10	Uniform >60% coverage	15
6	Stem/ha (understory) <sup>3</sup>	<500	2	501-800	4	801-1200	6	1201-1500	8	>1500	10
Stand Structure and Composition (Dominant and Co-Dominant stems)											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (<25% Conifer)	0	Mixwood (% Conifer) 25% 50% 75%	0 2 3	Conifer with high CBH (> 10m)	3	Conifer with moderate CBH (5-9m)	4	Conifer with low CBH (<5m)	1
8	Crown Closure	< 20%	0	20 - 40% or deciduous overstory	1	41-60%	1	61-80%	5	>80%	4
9	Fuel Strata Gap <sup>4</sup> (m)			> 10	0	6 - 9	1	3 - 6	3	< 3	1
10	Stems/ha Overstory (livegreen dom & codom)	< 400	0	401 - 600	1	601 - 900	3	901 - 1200	4	> 1200	5
11	Dead and Dying (% of dominant and co-dominant stems)			Standing Dead/ Partial down <20%	1	Standing Dead/ Partial down 21 - 50%	5	Standing Dead/ Partial down 51 - 75%	8	Standing Dead/ Partial down >75%	10
Ecoprovince Central Interior (0/44/61/73)						Threat Assessment High	WTA Total 68				
Comments Overstory Fd9At1 600 sph, 17-40 cm DBH, 2*m Understory Fd10(At) 1500 shh CBH 2 m, overlap with ladders FWD LWD											

<sup>3</sup> Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

<sup>4</sup> Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

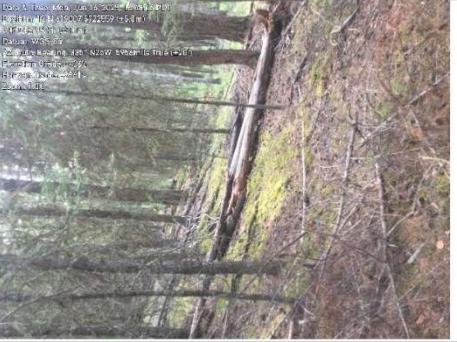
Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)						
PSTA Threat	9					
FBP Fuel Type	C-7					
Assessor's FBP Fuel Type: C-7	Ownership: Crown					
Assessor's Fuel Type Rationale <sup>1</sup> :						
Value Description (include type of value and distance to the value from the proposed treatment area): Residential Rec trails						
<b>Landscape Assessment</b>						
Proximity of Fuel treatment area to Value (m)	0 - 100	(25)	101 - 500	(20)	501 - 1000	(0)
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	(5)	No	(0)		
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	(0)	90° Offset to Prevailing Wind/ highest ISI values	(0)	270° Offset to Prevailing Wind/ highest ISI values	(7)
Distance to nearest vehicle access (m)	0 - 200 m	(0)	201 - 400 m	(3)	401 - 1000 m	(1)
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	(0)	201 - 400 m	(3)	401 - 1000 m	(1)
Landscape Subtotal:					35	
<b>Topographical Factors</b>						
Topography: Slope	<20%	(0)	21 - 30%	(0)	31 - 45%	(3)
Topography: Aspect (>20% Slope)	North	(0)	East/Flat	(3)	West	(4)
Slope position of value (only applies if slope is >20%)	Bottom or Slope/ Valley bottom	(0)	MidSlope - Bench	(1)	Mid Slope - continuous	(3)
Topographical Factors Subtotal:					1	
Comments						
Total Priority Setting Score:					36	

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type:	C-7	Slope %:	30	Aspect (deg.):	N
Elevation (m):	962	Canopy Closure %:	50	Ave. Forest Floor Depth (cm):	4

**Surface Fuels:**

 <small>Photo Taken: 2021-07-22 10:25:20 PST Latitude: 51.433000000000004, Longitude: -128.50000000000001 Elevation: 962m Aspect: N Slope: 30% Canopy Closure: 50% Avg. Forest Floor Depth: 4cm Zoom: 10x</small>	<p>Theodolite: Theodolite</p> <p>Photo Comments:</p>
---	--

**Ladder Fuels:**

 <small>Photo Taken: 2021-07-22 10:25:20 PST Latitude: 51.433000000000004, Longitude: -128.50000000000001 Elevation: 962m Aspect: N Slope: 30% Canopy Closure: 50% Avg. Forest Floor Depth: 4cm Zoom: 10x</small>	<p>Theodolite: North</p> <p>Photo Comments:</p>
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 <small>Photo Taken: 2021-07-22 10:25:20 PST Latitude: 51.433000000000004, Longitude: -128.50000000000001 Elevation: 962m Aspect: N Slope: 30% Canopy Closure: 50% Avg. Forest Floor Depth: 4cm Zoom: 10x</small>	<p>Theodolite: East</p> <p>Photo Comments:</p>
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Ladder Fuels (*continued*)

 <p>Data &amp; Time: Mon Jun 15 2025 10:45:12 PDT    Position: 49°N 120°W 5522m (+5.0m)    Altitude: 5522m (+5.0m)    Datum: WGS84    Azimuth/Bearing: 180° 00' 00" SW    Elevation/Grade: -0.0%    Horizon Grade: 0.0%    Zoom: 1.0X</p>	<p>Theodolite: South</p> <p>Photo Comments:</p>
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 <p>Data &amp; Time: Mon Jun 15 2025 10:45:12 PDT    Position: 49°N 120°W 5522m (+5.0m)    Altitude: 5522m (+5.0m)    Datum: WGS84    Azimuth/Bearing: 230° 55' 00" SW    Elevation/Grade: -0.7%    Horizon Grade: 0.0%    Zoom: 1.0X</p>	<p>Theodolite: West</p> <p>Photo Comments:</p>
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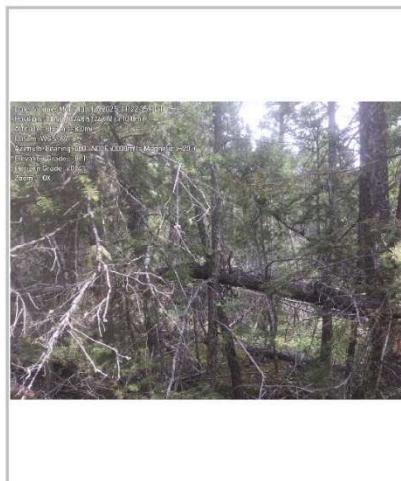
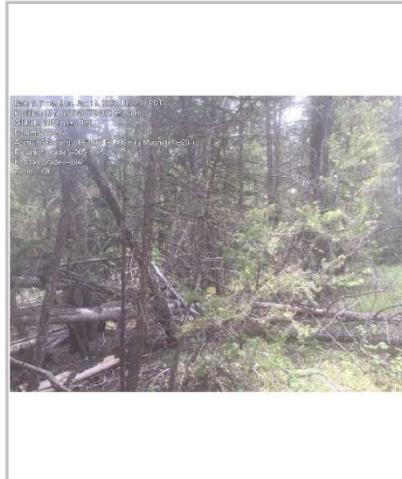
## Crown Fuels:

 <p>Data &amp; Time: Mon Jun 15 2025 10:45:12 PDT    Position: 49°N 120°W 5522m (+5.0m)    Altitude: 5522m (+5.0m)    Datum: WGS84    Azimuth/Bearing: 230° 55' 00" SW    Elevation/Grade: -0.7%    Horizon Grade: 0.0%    Zoom: 1.0X</p>	<p>Theodolite: Theodolite</p> <p>Photo Comments:</p>
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Wildfire Threat Assessment Guide and Worksheets | **2020**
**Appendix E - FBP Fuel Type Change Rationale**
**FBP Fuel Type Change Rationale**

Location	Date	Assessor/ Professional Designation
	6/16/25	
Coordinates: 1320649, 748997		Coordinate system used and format
PSTA Threat 10		FBP Fuel Type M1/2
Assessor's FBP Fuel Type: C7		Ownership: Crown
Assessor's Fuel Type Rationale: Fd leading stand Minimal to no deciduous		

Attach at least six representative photos and/or images (google earth, orthographic maps) that support the fuel type rationale change. If a field review has occurred; there should be at least two photos of each part of the forest stratum: surface fuel, ladder fuel (present or absent) and the crown fuel.





Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level)			Plot # AH-1
Location 100MH Exeter	Date August 25, 2025	Assessor/ Professional Designation RFT AHol	
Coordinates (Lat/Long - Degrees/Decimal minutes): 10U 615560 5724446			

Component/Sub Component		Levels/Classes									
Forest Floor and Organic Layer											
1	Depth of organic Layer	1 - <2		2 - <5		5 - <10		10 - 20		>20	
Surface and Ladder Fuel (0.1 - 3.0 metres in height)											
2	Surface fuel composition	Moss, Herbs, and Deciduous Shrubs		Lichen, Conifer shrubs		Dead fines (leaves, needles or fine branch material) fuel (<1 cm)		Pinegrass		Sagebrush, Bunchgrass, Juniper, Scotch broom	
3	Dead and Down Material Continuity (<7cm)	Absent		Scattered <10 coverage		10-25% coverage		26-50% coverage		>50% coverage	
4	Ladder Fuel Composition	Deciduous/ None		Mixwood		Other Conifer		Elevated dead fuel		Spruce/Fir/ Pine	
5	Ladder Fuel Horizontal Continuity	Absent		Sparse <10% coverage		Scattered 10 - 39% coverage		Patchy 40-60% coverage		Uniform >60% coverage	
6	Stem/ha (understory) <sup>3</sup>	<500		501-800		801-1200		1201-1500		>1500	
Stand Structure and Composition (Dominant and Co-Dominate stems)											
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (< 25% Conifer)		Mixwood (% Conifer) 25% 50% 75%		Conifer with high CBH (> 10m)		Conifer with moderate CBH (5-9m)		Conifer with low CBH (< 5m)	
8	Crown Closure	< 20%		20 - 40% or deciduous overstory		41-60%		61-80%		>80%	
9	Fuel Strata Gap <sup>4</sup> (m)	> 10			6 - 9		3 - 6		< 3		
10	Stems/ha Overstory live/ign dom & codom	< 400		401 - 600		601 - 900		901 - 1200		> 1200	
11	Dead and Dying (% of dominant and co-dominant stems)	Standing Dead/ Partial down < 20%			Standing Dead/ Partial down 21 - 50%		Standing Dead/ Partial down 51 - 75%		Standing Dead/ Partial down >75%		

Ecoprovince	Central Interior (0/44/61/73)	Threat Assessment	WTA Total
		Moderate	61
Comments			
Overstory: Avg 6-8m tall est 4-8m tall Fd6PI4 Understory: Fd5PI3A12 1200sph - mostly poles, At saplings. Immature stand			

<sup>3</sup>Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

<sup>4</sup>Fuel Strata Gap - Distance from top of ladder fuel to live crown base height of overstory

Wildfire Threat Assessment Worksheet - Priority Setting Scoring (Complete one for entire proposed treatment area)											
PSTA Threat	7			FBP Fuel Type	C-7						
Assessor's FBP Fuel Type:	C-7			Ownership:	Crown						
Assessor's Fuel Type Rationale <sup>1</sup> :											
Value Description (include type of value and distance to the value from the proposed treatment area): Mill site to south, downhill Transmission lines to the north uphill											
Landscape Assessment											
Proximity of Fuel treatment area to Value (m)	0 - 100	(25)	101 - 500	(1)	501 - 1000	(15)	1000 - 2000	(5)	>2000	(0)	
Existing Fuel Mgmt area in place b/w proposed treatment area and value	Yes	(5)	No	(1)							
Treatment placement: using predominant wind direction/fire spread pattern. What is the treatment location in relationship to the values location?	Downwind	(0)	90° Offset to Prevailing Wind/ highest ISI values	(1)	270° Offset to Prevailing Wind/ highest ISI Values	(7)	Upwind/ highest ISI values	(15)			
Distance to nearest vehicle access (m)	0 - 200 m	(1)	201 - 400 m	(3)	401 - 1000 m	(1)	> 1000 m	(0)			
Distance to non-fuel/treated <sup>2</sup> area near the assessment area (m)	0 - 200 m	(1)	201 - 400 m	(3)	401 - 1000 m	(1)	> 1000 m	(0)			
Landscape Subtotal:						40					
Topographical Factors											
Topography: Slope	< 20%	(0)	21 - 30%	(1)	31 - 45%	(3)	46 - 60%	(4)	>60%	(5)	
Topography: Aspect (>20% Slope)	North	(0)	East/Flat	(3)	West	(4)	South	(1)			
Slope position of value (only applies if slope is >20%)	Bottom or Slope/ Valley bottom	(0)	Mid Slope - Bench	(1)	Mid Slope - continuous	(3)	Upper 1/3 of slope	(5)			
Topographical Factors Subtotal:						7					
Comments											
South facing slope, close proximity to mill site. Non-timbered areas adjacent to forest are previous burn with pine grass leading											
Total Priority Setting Score:						47					

<sup>1</sup> Must include three photos for each plot (one of forest floor, one of surface and ladder fuel, one of overstory)<sup>2</sup> Fuel management type treatment where wildfire threat has been mitigated

**British Columbia Wildfire Service - Photo Guide**
**SITE INFORMATION**

FBP Fuel Type:	Choose from Drop Down	Slope %:	16	Aspect (deg.):	160
Elevation (m):	990	Canopy Closure %:	25	Ave. Forest Floor Depth (cm):	1

**Surface Fuels:**

	Theodolite: Theodolite
	Photo Comments:

**Ladder Fuels:**

	Theodolite: North
	Photo Comments:

	Theodolite: East
	Photo Comments:

**Ladder Fuels (continued)**

	<p>Theodolite: <input type="text" value="South"/> <input type="button" value="▼"/></p> <p>Photo Comments:</p> <div style="background-color: #e6eaf2; height: 100px; width: 100%;"></div>
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	<p>Theodolite: <input type="text" value="West"/> <input type="button" value="▼"/></p> <p>Photo Comments:</p> <div style="background-color: #e6eaf2; height: 100px; width: 100%;"></div>
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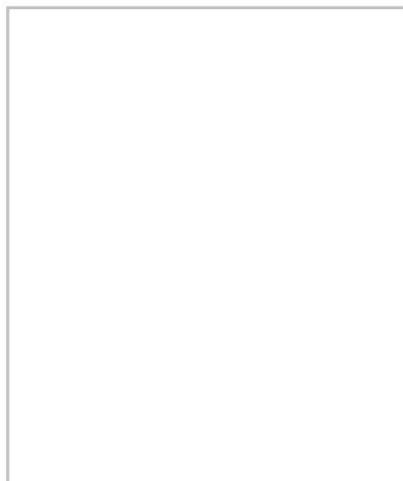
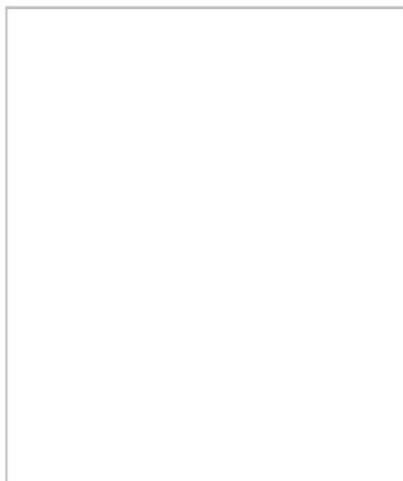
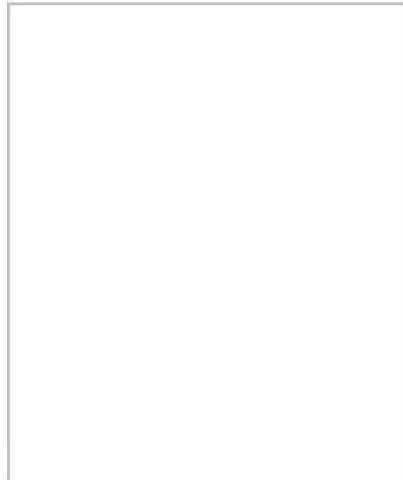
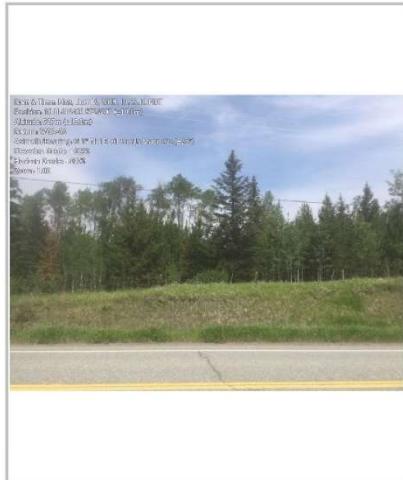
**Crown Fuels:**

	<p>Theodolite: <input type="text" value="Theodolite"/> <input type="button" value="▼"/></p> <p>Photo Comments:</p> <div style="background-color: #e6eaf2; height: 100px; width: 100%;"></div>
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Wildfire Threat Assessment Guide and Worksheets | **2020****Appendix E - FBP Fuel Type Change Rationale****FBP Fuel Type Change Rationale**

Location	Date	Assessor/ Professional Designation
	6/16/25	HS
Coordinates: 1326301, 749082		Coordinate system used and format
PSTA Threat 8		FBP Fuel Type C7
Assessor's FBP Fuel Type: M1/2		Ownership:
Assessor's Fuel Type Rationale: Understory is conifer leading (PI/ At) Over story is deciduous leading (At95 fd5)		

Attach at least six representative photos and/or images (google earth, orthographic maps) that support the fuel type rationale change. If a field review has occurred; there should be at least two photos of each part of the forest stratum: surface fuel, ladder fuel (present or absent) and the crown fuel.



Wildfire Threat Assessment Guide and Worksheets | **2020****Appendix E - FBP Fuel Type Change Rationale****FBP Fuel Type Change Rationale**

Location	Date	Assessor/ Professional Designation
99 Mile bike trails	6/16/25	LH RPF
Coordinates: 617254, 5720454		Coordinate system used and format UTM
PSTA Threat 8		FBP Fuel Type O-1
Assessor's FBP Fuel Type: C7		Ownership: Crown
Assessor's Fuel Type Rationale: Mature Fd stand		

Attach at least six representative photos and/or images (google earth, orthographic maps) that support the fuel type rationale change. If a field review has occurred; there should be at least two photos of each part of the forest stratum: surface fuel, ladder fuel (present or absent) and the crown fuel.