Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level) **Plot #** CYPRESS-4

Location	Old Forks Trail	Date 2/28/25	Assessor/ Professional Designation Q. Schmidt RPF
Coordinates (Lat/Long – Degrees/Decimal minutes): 49°21.368' N, 123°10.807' W			
Crown Species Composition (species %)	Fd40Hw40Cw20		
Ladder Fuel Species Composition (species %)	Dead(CwTw)		

	Component/ Sub Component	Levels/ Classes				
	Forest Floor and Organic Layer					
1	Depth of Organic layer (cm)	1–<2 ○ 1	2–<5 ○ 3	5–<10 ● 5	10–20 ○ 3	>20 ○ 2
	Surface and Ladder Fuel (0.1 – 3.0 meters 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) ● 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 ○ 8	26-50% coverage ● 12	>50% Coverage ○ 15
4	Ladder fuel composition	Deciduous ○ 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 ○ 10	Uniform >60% coverage ○ 15
6	Stem/ha (understory)[3]	<500 ● 2	501-800 ○ 4	801-1200 ○ 6	1201-1500 ○ 8	>1500 ○ 10
	Stand Structure and Composition (Dominant and Co- Dominate stems)					
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (< 25% conifer) ○ 0	Mixwood (% Conifer) 25% ○ 0 50% ○ 2 75% ○ 3	Conifer with high CBH (>10m) ● 3	Conifer with moderate CBH (5-9M) ○ 4	Conifer with low CBH (<4m) ○ 5
8	Crown Closure	< 20% ○ 0	20 -40% (Or Deciduous) ○ 1	41-60% ○ 2	61-80% ○ 5	>80% ● 4
9	Fuel Strata Gap[4] (m)		> 10 ○ 0	6-9 ● 1	3-6 ○ 3	<3 ○ 5
10	Stems/ha live/ grn dom & codom (overstory)	<400 ○ 0	401-600 ● 2	601-900 ○ 3	901-1 200 ○ 4	>1 200 ○ 5
11	Dead and Dying (% of dominant and co-dominant stems)		Standing Dead/ Partial down <20% ● 2	Standing Dead/ Partial down 21-50% ○ 5	Standing Dead/ Partial down 51- 75% ○ 8	Standing Dead/ Partial down >75% ○ 10

Ecoprovince	Threat Assessment	WTA Total
Coast and Mountains, Georgia Depression (0/42/58/70)	Moderate	49

Comments:

Plot location is upslope of Cypress Bowl Road from the lookout point, in a Crown land parcel that is surrounded by large and forested private land parcels. Old Forks climbing trail traverses throughout the area. Second growth conifer stand, fully in stem exclusion. Consistent layer of FWD and dead Cw foliage. Very little live herb or shrub, and virtually no ladder fuel component. Some elevated deadfall and small diameter snags. Very high CBH on a healthy conifer overstory.

Treatment not recommended given the limited efficacy, the distance from values, and the "floating" location between forested private land. Very desirable prescribed burning site to abate FWD and foliage!

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[3] Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

[4] Fuel Strata Gap – Distance from top of ladder fuel to live crown base height of overstory

PROJECT: West Vancouver CWRP

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British Columbia Wildfire Service - Photo Guide

SITE INFORMATION Date Sampled: 2/28/25

Plot # CYPRESS-4

General Location: Old Forks Trail

Coordinates: 49°21.368' N, 123°10.807' W

FBP Fuel Type: C-5

Slope (%): 35

Aspect (deg.): 184

Elevation (m): 522

Canopy Closure (%): 85

Average Forest Floor Depth (cm): 6

Photo comment:

High continuity of surface fuels (mostly 1 - 10 hour FWD) and conifer foliage.

Other (specif

SURFACE FUELS:

Other (specify)

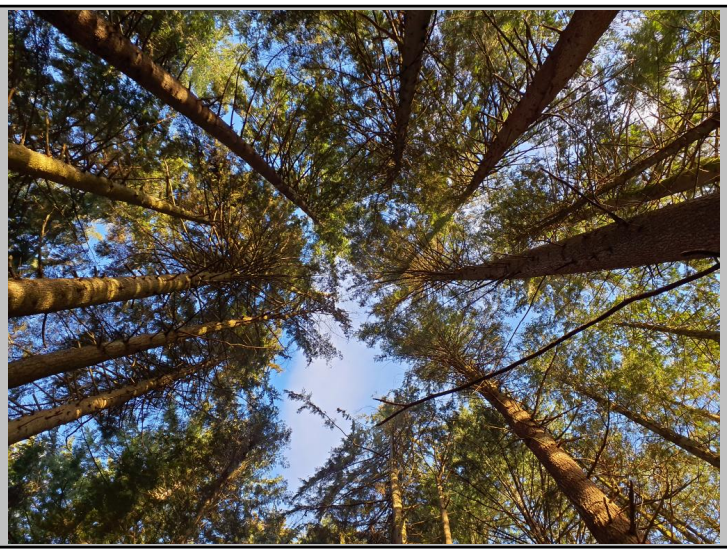
LADDER FUELS

Photo Comment:

Very few ladder fuels - small number of small diameter snags and lower drooping Cw trees.

CROWN FUELS:

Other (specif

Photo Comment:

High crown closure overall, stem exclusion and pushing through stand thinning.