Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level) **Plot #** CYPRESS-7

Location	Hollyb. Cabins NE	Date 2/28/25	Assessor/ Professional Designation J. Sunderwald
Coordinates (Lat/Long – Degrees/Decimal minutes): 49°21.987', -123°11.005'			FIT
Crown Species Composition (species %)	Hw70Ba30		
Ladder Fuel Species Composition (species %)	Dead		

	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	50

Comments:

Dense second growth HemBal stand adjacent to private cabins. Pure stem exclusion. High surface fuel continuity, virtually no ladder fuels, considerable amount of dead standing A3.
Road access adjacent.

Stand notes: Average 35-50 cm DBH and 700 sph overstory. Basal area is 53. 30m average overstory height.

No great opportunities for fuel treatment other than removing dead material or harvesting.

QA'd by Q. Schmidt, RPF

Q. Schmidt

[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: District of West Vancouver CWRP

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British Columbia Wildfire Service - Photo Guide

SITE INFORMATION Date Sampled: 2/28/25

Plot # CYPRESS-7

General Location: Hollyb. Cabins NE

Coordinates: 49°21.987', -123°11.005'

FBP Fuel Type: C-5

Slope (%): 15

Aspect (deg.): 212

Elevation (m): 850

Canopy Closure (%): 90

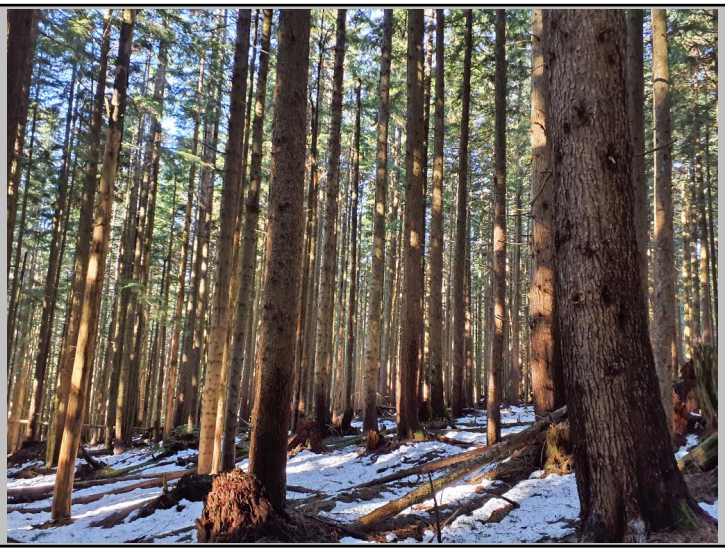
Average Forest Floor Depth (cm): 3

SURFACE FUELS:

Photo comment:

High continuity, low-moderate volume of surface fuels.

Other (specif



LADDER FUELS

Other (specify)

Photo Comment:

No live ladder fuels and little elevated deadfall. Scattered dead standing stems.

CROWN FUELS:

Other (specif

Photo Comment:

High crown closure and healthy overstory - scattered dead Ba.