Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level) **Plot #** CYPRESS-6

Location	Hollyburn Cabins East	Date 2/28/25	Assessor/ Professional Designation Q. Schmidt RPF
Coordinates (Lat/Long – Degrees/Decimal minutes): 49°21.843' N, 123°10.963' W			
Crown Species Composition (species %)	Hw90CwBa		
Ladder Fuel Species Composition (species %)	Dead(Hw)		

	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	56

Comments:

Dense CWHvm second growth conifer stand. Plot is representative of higher hazard pockets in this stand, though the stand is overall much lower hazard (see Cypress-7 WTA). Considerable small diameter dead standing and on the ground. High continuity of surface fuels but only moderate volume. Almost absent "live" ladder fuels.

High crowns on majority of overstory, isolated dead mature Ba.

Road access adjacent. Can absolutely treat given adjacency to cabins.

Pocket of fringe C3 amongst an average C5 polygon.

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: West Vancouver CWRP

PROJECT: West Vancouver CWRP

British Columbia Wildfire Service - Photo Guide

SITE INFORMATION Date Sampled: 2/28/25

Plot # CYPRESS-6

General Location: Hollyburn Cabins East

Coordinates: 49°21.843' N, 123°10.963' W

FBP Fuel Type: C-3

Slope (%): 25

Aspect (deg.): 198

Elevation (m): 788

Canopy Closure (%): 90

Average Forest Floor Depth (cm): 5

Photo comment:

Moderate volume, high continuity of surface fuels.

Other (specif

SURFACE FUELS:

Other (specify)

LADDER FUELS

Photo Comment:

No live ladder fuels, scattered dead standing and pockets of elevated deadfall. Very high CBH on overstory.

CROWN FUELS:

Other (specif

Photo Comment:

High crown closure.