Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level) **Plot #** BRISS-1

Location	Brissenden Park	Date 2/21/25	Assessor/ Professional Designation Q. Schmidt
Coordinates (Lat/Long – Degrees/Decimal minutes): 49°20.643' N, 123°10.955' W			RPF
Crown Species Composition (species %)	Cw60Fd40		
Ladder Fuel Species Composition (species %)	Cw100		

	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	45

Comments:

NE corner of Brissenden Park. Much of the park appears to have been routinely maintained as there are stumps, wildlife stubs, pruning and low surface fuels. Unmanaged portions do exist in pockets, with regenerating Cw and pockets of deadfall.

Multiple dead standing Cw in all size classes.

Could continue to clean up the park but does not warrant a full prescription and fuel management regime. Plenty of shrub and blackberry hazard up against private properties.

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

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British Columbia Wildfire Service - Photo Guide

SITE INFORMATION Date Sampled: 2/21/25

Plot # BRISS-1

General Location: Brissenden Park

Coordinates: 49°20.643' N, 123°10.955' W

FBP Fuel Type: C-5

Slope (%): 17

Aspect (deg.): 202

Elevation (m): 155

Canopy Closure (%): 70

Average Forest Floor Depth (cm): 4

Photo comment:

Dead fines dominant with scattered CWD - mixed in with healthy herb and shrub regeneration.

Other (specif

SURFACE FUELS:

Other (specify)

LADDER FUELS

Photo Comment:

Very scattered, some low-drooping conifers, some conifer regeneration, some elevated deadfall.

CROWN FUELS:

Other (specif

Photo Comment:

Moderate - high crown closure, considerable dead standing Cw.