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

Location	Plateau Park	Date 2/19/25	Assessor/ Professional Designation Q. Schmidt RPF
Coordinates (Lat/Long – Degrees/Decimal minutes): 49°20.948' N, 123°15.460' W			
Crown Species Composition (species %)	Cw30Mb30Hw25Fd15		
Ladder Fuel Species Composition (species %)	CwHw		

	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% 50% 75% ○ 0 ○ 2 ● 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)	Low	39

Comments:

Plateau park area, foot trail bisects the area and park area is adjacent to private properties on three sides. Mix of C5 with a mature deciduous component.

Surface fuel consists of mainly twigs and maple leaves, continuously broken up by rock. Low volumes of woody debris on average. Minor sword fern and plenty of ivy and laurel. Ladder fuels are from low branching Cw and the odd understory Cw, though are very discontinuous on average. Considerable pockets of dead standing and heavily struggling conifers, mainly Cw, in all size classes - will continue to increase surface fuels if left unmanaged.

Q. Schmidt

Treatment could include surface fuel abatement and snagging, but efficacy to protect properties would require treatment on adjacent properties.

[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: 2/19/25

Plot # PLATEAU-1

General Location: Plateau Park

Coordinates: 49°20.948' N, 123°15.460' W

FBP Fuel Type: C-5

Slope (%): 35

Aspect (deg.): 330

Elevation (m): 168

Canopy Closure (%): 55

Average Forest Floor Depth (cm): 4

SURFACE FUELS:

Photo comment:

Scattered FWD, considerable deciduous leaf material. Rocky site breaks up surface fuel.

Other (specif

LADDER FUELS

Other (specify)

Photo Comment:

Scattered overall, though there are isolated pockets of vertical continuity.

CROWN FUELS:

Other (specif

Photo Comment:

High CBH on average, lower density and mature canopy. Mortality in Cw and Hw.