

Spruce Bark Beetle Report 2015 Fall

2015-MIS-010

ADMINISTRATION

Polygon: MIS010 **Hectares:** 290.32 **Exact Location:** Adjacent to the hydro transmission corridor, in the Kennedy Siding area

Walkthrough: 15,550m **Number of Probe Pixels:** 6 **Date:** 2015.10.01, 02 **Crew:** P. Milanovich, S. Turcotte, M. Vanderstap, D. Norwell

STAND INFORMATION

Site Description: (topography, terrain, timber types, stand age, influences)

This large polygon is located on the east side of the BC Hydro Transmission corridor in the Kennedy Siding area. The site is generally NW facing on a slope of ranging between 20-50%. It is bounded on all sides except the NW by stands of timber of varying ages. The species composition in this polygon is mainly spruce, but pockets of high balsam content are common. Mature birch is also abundant locally. Numerous creeks drain through the area as well. This site has high wildlife values. Current blowdown level is low.

Stand Susceptibility: Moderate

Access: ATV

Other Considerations or Limiting Factors:

Adjacent to Hydro corridor, steep terrain.

SUMMARY OF CURRENT INFESTATION:

The attack is concentrated in small pockets generally at the northern end of the unit. Majority of the attack is from spring of 2015, on a two year cycle, but there is 2014 attack present, also on a two year cycle. There is scattered code 5 throughout.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
673.4	150	0		141	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	32	26	59	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Lethal Trap Trees due to the limited machine access and scattered nature of the attack. Otherwise conventional trap trees should be utilized to control what population there is in the area, in spite of the limitations presented by the hydro corridor.

Option #2:

If the above options are not likely, the site should be monitored annually due to its moderate susceptibility and to keep track of the attack currently on site.