

Spruce Bark Beetle Report 2015 Fall

2015-MIS-006

ADMINISTRATION

Polygon: MIS006

Hectares: 54.50

Exact Location: located NE of Hydro

Transmission corridor in the Kennedy Siding area

Walkthrough: 3086m

Number of Probe Pixels: 2

Date: 2015.09.30

Crew: M. VanderStap,

P. Milanovich

STAND INFORMATION

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

The polygon is bounded on the west side by the transmission corridor and mature timber on all other sides. The site has a general west aspect averaging between 30-40% the two northern creeks run through the area from east to west in canyons that exceed 70% slope. The stand itself is a mix of balsam fir and spruce with dbh ranging from 25-40cm. very few large spruce noted. At higher elevations pockets of code five are common, with no fresh blowdown present or root disease.

Stand Susceptibility: Moderate

Access: 4WD

Other Considerations or Limiting Factors: BC Hydro transmission corridor, steep ground with even steeper creek draws.

SUMMARY OF CURRENT INFESTATION:

The attack in this stand is currently very light. The majority of the attacked trees are older than two years. The only current attack is located in the lower elevations on the west side of the polygon. There is potential for expansion at this site, and there is current attack in the area.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
245.7	33.3	0		11.6	
<i>Bark Sample Data</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
<i>(combined)</i>	11	7	21	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Monitor on an annual basis, due to susceptibility.

Option #2:

Lethal Trap Trees