

Spruce Bark Beetle Report 2015 Fall

2015-MIS-014

ADMINISTRATION

Polygon: MIS014 **Hectares:** 363.58 **Exact Location:** near Bijoux Falls, in the Pine Pass
Walkthrough: 16740m **Number of Probe Pixels:** 8 **Date:** 2015.09.27-29 **Crew:** SRGI

STAND INFORMATION

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

This is a large sprawling polygon that straddles the rail line right of way, on the north side of the highway 97. Numerous large and small creeks drain through the area, generally covered in alder. Rocky outcrops are abundant as are steep slopes and rock faces. The north side of the polygon is bounded by the hydro corridor, highway 97 on the south side and mature timber at the ends. The land is covered in mature balsam fir with pockets of higher concentrations of spruce. Hardwoods are abundant locally as well. Blowdown in this stand is generally low.

Stand Susceptibility: can be high, but generally low

Access: 2WD

Other Considerations or Limiting Factors: steep slopes, rock, rail right of way, Hydro corridor and gas pipeline in the vicinity. The area has high wildlife value.

SUMMARY OF CURRENT INFESTATION:

The attack here is scattered throughout and more prevalent in the higher spruce component areas regardless of aspect or slope. The current attack noted is on a two year cycle for the most part. Old attack can be found throughout.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
764.7	430.5	86.4		321.2	
<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>	39	21	36	0	13

MANAGEMENT: (in decreasing preference)

Option #1:

Consider pheromone baiting small areas that can be accessed for sanitation harvesting in the winter from the hydro corridor.

Option #2:

Conventional trap trees if access is possible from the hydro corridor. Consider lethal trap trees if access is limited.