

Spruce Bark Beetle Report 2015 Fall

2015-MIS-024

ADMINISTRATION

Polygon: MIS024 **Hectares:** 184.51 **Exact Location:** near the Parsnip East FSR
Walkthrough: 9300m **Number of Probe Pixels:** 4 **Date:** 2015.10.28 **Crew:** P. Milanovich, M. Vanderstap, S. Turcotte

STAND INFORMATION

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

The site is bounded on the south and west sides by small creeks, and mature timber on all other sides. The slope and aspect vary throughout the stand, but can generally be described as a 25% slope to the west with steeper slopes near the creeks. The southern portion of the unit has a high amount of blowdown, the remainder of the block is generally light with blowdown. There is root disease present in pockets throughout the stand. The species composition is a near even mix of mature balsam fir and spruce, with large pockets of alder as the elevation increases.

Stand Susceptibility: High to Very High **Access:** 2WD, walk

Other Considerations or Limiting Factors: major riparian areas, high elevations, poor access

SUMMARY OF CURRENT INFESTATION:

Attack in the stand is high throughout and very high in the SW corner of the unit. The populations appear to be on a two year cycle, though there is evidence of accelerated life cycles. There is room for expansion within and adjacent to this unit.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
163.5	252.7	0		142.4	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	28	24	70	0	4

MANAGEMENT: (in decreasing preference)

Option #1:

Plans to harvest this and adjacent areas to be made immediately, in conjunction with trap trees to allow for collection of scattered populations.

Option #2:

Fall and burn