

Spruce Bark Beetle Report 2015 Fall

2015-BLA-064

ADMINISTRATION

Polygon: BLA064 **Hectares:** 98.33 **Exact Location:** South of the Dastaiga West FSR at 2km

Walkthrough: 5000m **Number of Probe Pixels:** 2 **Date:** 2015.11.12 **Crew:** J. Cousens, S. Turcotte, M. Vanderstap

STAND INFORMATION

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

The terrain at this site is generally flat with some slopes of up to 20% and a varied aspect. There is a high component of spruce in this stand mixed mainly with balsam fir but some deciduous are also scattered about. A small creek in the west and the south drain the area. This polygon is surrounded by mature coniferous and deciduous forest on all sides. Blowdown in this stand is generally low.

Stand Susceptibility: High

Access: 2WD, walk

Other Considerations or Limiting Factors: riparian areas

SUMMARY OF CURRENT INFESTATION:

Attack in this stand is scattered. Either individual attacks or concentrations which is usually indicative of a building population. The potential for spread is very good with the abundance of mature large diameter spruce. While one year cycle populations from this year's attack can be found the brood are generally on a two year attack.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
195	26.3	0		70.8	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	11	0	6	0	14

MANAGEMENT: (in decreasing preference)

Option #1:

Due to a lack of access, fall and burn may be the only reasonable control option

Option #2:

Grid probe to determine full extent of attack in this entire area