

Spruce Bark Beetle Report 2015 Fall

2015-BLA-067

ADMINISTRATION

Polygon: BLA067 **Hectares:** 116.07 **Exact Location:** 10.4km on the Tsedeka M/L

Walkthrough: 5595m **Number of Probe Pixels:** 3 **Date:** 2015.11.06 **Crew:** S. Turcotte, M. Vanderstap, J. Cousens

STAND INFORMATION

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

This polygon is situated on a gentle hillside, with a consistent slope between 10 and 20% above the Tsedeka Creek. The aspect in the stand is generally to the north and northeast. There is a proposed cutblock to the south of this polygon, there are also portions of older cutblocks adjoining the boundary to this polygon in various locations. But generally the site is surrounded by mature timber. The timber within this stand is dominated by balsam fir at about 60%, the spruce component making up the remainder. The spruce here is healthy and susceptible. There are numerous creeks and drainages within.

Stand Susceptibility: Moderate to High

Access: 2WD

Other Considerations or Limiting Factors: easy access, riparian areas.

SUMMARY OF CURRENT INFESTATION:

Attack in this stand is currently very light and scattered. There are many healthy hosts present making the potential for spread very good. Most attack data collected is code five, there are however code ones throughout.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
377	7.1	0		19	
<i>Bark Sample Data</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
(combined)	6	1	13	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Monitor

Option #2:

Fall and burn concentrations