

Spruce Bark Beetle Report 2015 Fall

2015-BLA-065

ADMINISTRATION

Polygon: BLA065 **Hectares:** 68.21 **Exact Location:** 2km Dastaiga West FSR
Walkthrough: 3500m **Number of Probe Pixels:** 2 **Date:** 2015.11.11 **Crew:** s. Turcotte, M. Vanderstap

STAND INFORMATION

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

This site is situated on the north side of the Dastaiga West FSR at approximately 2km. there is current development in the area with more planned. The ground is generally flat with a steep bank to the creek to the north of the polygon. This stand consists of mature spruce with dead pine and balsam fir mixed in. it is bounded on the east and west side by new cutblocks, the south by the FSR and the north by mature timber. The area is well drained with several creeks on the west side.

Stand Susceptibility: High

Access: 2WD

Other Considerations or Limiting Factors: major creek in the north, other smaller creeks throughout, active logging currently in the area, more planned.

SUMMARY OF CURRENT INFESTATION:

The attack in this stand is currently severe and is spreading. Potential for continued spread in all directions is good. Nearly all of the populations assessed are on a two year cycle, being attacked in 2015, but there are instances of one year cycle beetle.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
265.3	82.1	0		39.8	
<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>	10	1	13	1	4

MANAGEMENT: (in decreasing preference)

Option #1:

Harvest immediately in conjunction with current plans and activities.

Option #2:

Grid probe to determine full extent.