

Spruce Bark Beetle Report 2015 Fall

2015-PAR-011

ADMINISTRATION

Polygon: PAR011 **Hectares:** 245.91 **Exact Location:** on the Lamonti FSR at approx. 40km on the Parsnip West FSR

Walkthrough: 11605m **Number of Probe Pixels:** 5 **Date:** 2015.10.11-12 **Crew:** M. Vanderstap, D. Norwell, S. Turcotte

STAND INFORMATION

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

This site has a west aspect, on a slope ranging from 20-50%. The south end of this polygon has a significant amount of blowdown, generally light in the remainder of the unit. The species composition, varies slightly, but is generally 60% balsam fir and 40% spruce with birch mixed in places. There are alder swales scattered throughout as well as the occasional rock outcrop. Access through the block is poor. This polygon has old cutblocks on some of its boundaries but is usually surrounded by mature and immature timber.

Stand Susceptibility: Moderate

Access: 4WD, ATV

Other Considerations or Limiting Factors: poor access, steep slopes and wet soils.

SUMMARY OF CURRENT INFESTATION:

Scattered heavy and light attack. Attack is usually concentrated in draws and in areas of blowdown. The spruce makes up a small percentage of this stand but in some places all the susceptible spruce has been attacked. All populations are on a two year cycle.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
373.7	122.0	0		141.5	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	24	13	38	1	2

MANAGEMENT: (in decreasing preference)

Option #1:

Conventional Trap Trees, possibly in conjunction with harvesting.

Option #2:

Sanitation Harvest all portions of polygon that can be accessed.