

Spruce Bark Beetle Report 2015 Fall

2015-BLA-066

ADMINISTRATION

Polygon: BLA066 **Hectares:** 43.97 **Exact Location:** 3.0km on the Tsedeka FSR
Walkthrough: 2400m **Number of Probe Pixels:** 1 **Date:** 2015.11.07 **Crew:** J. Cousens, M. Vanderstap

STAND INFORMATION

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

The polygon straddles the Tsedeka FSR at about three kilometre mark. This is a leave strip between older cutblocks, mature timber at the SW end and the powerline on the NE end. The terrain is generally sloping with slopes of up to 40% in places. The species composition varies widely with balsam fir leading stands and then spruce leading stands. There is blowdown along cutblock edges.

Stand Susceptibility: High

Access: 2WD

Other Considerations or Limiting Factors: riparian area

SUMMARY OF CURRENT INFESTATION:

The attack in this stand is currently mainly in the noertheast of the unit, but it does have excellent opportunity for spread. There is attack in the southwest also, but light, but still with room for expansion. The pixel data collected does not represent the attack levels in the northeast.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
52.3	42.4	0		0	
<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>	6	0	15	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Harvesting of the area in the northeast in conjunction with conventional trap trees.

Option #2:

Harvesting of the area in the northeast in conjunction with fall and burn in the southwest.