Spruce Bark Beetle Report 2015 Fall

2015-BLA-063

ADMINISTRATION

Polygon: BLA063 **Hectares**: 81.03 **Exact Location**: 49km on the Finlay FSR

Walkthrough: 4300m **Number of Probe Pixels**: 2 **Date**: 2015.11.13 **Crew**: M. Kozak, D. Hancock, K. Hendry, S. Turcotte and M. Vanderstap

STAND INFORMATION

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

This polygon is situated at approximately 49 km on the Finlay FSR. The site is mainly flat with some short pitches on the west ends. Spruce is leading in the composition by a margin over the mature balsam fir. They are pockets of deciduous as well in this stand. Development is planned in the vicinity of this unit. For the most part this site is surrounded by mature timber on all sides with access on the east. Blowdown is generally low but there are pockets of heavy blowdown.

Stand Susceptibility: Very High **Access**: 2WD

Other Considerations or Limiting Factors: easy access

SUMMARY OF CURRENT INFESTATION:

Attack in this stand can be described as scattered light with heavy concentrations. The potential for spread is high with such an abundance of susceptible spruce. The vast majority of the populations are on a two year cycle, but there are instances of advanced life stages. Code three trees are present indicating a need for control this winter.

Volume Healthy	*Volume Year One Attack*	*Volume Year Two Attack*		*Volume Old Attack*	
321.6	81.9	0		62.3	
Bark Sample Data	***Entrance Holes***	***Adults***	***Larvae***	***Pupae***	***Young Adults***
(combined)	7	14	20	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Harvest due to the level of attack and ease of access.

Option #2:

Conventional trap trees in conjunction with harvesting.