

Spruce Bark Beetle Report 2015 Fall

2015-PHI-030

ADMINISTRATION

Polygon: PHI030 **Hectares:** 38.01 **Exact Location:** approx. 14.5 on the Scovil M/L
Walkthrough: 1900m **Number of Probe Pixels:** 1 **Date:** 2015.11.08 **Crew:** S. Turcotte

STAND INFORMATION

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

The polygon is situated approximately 800m west of the Scovil M/L at about 14.5km. there are two active harvesting sites at the south end of the polygon. The slope in this unit is consistently even at 25 or 30% to the northeast. Other than the south side, the stand is generally surrounded by mature and immature timber. The majority of this stand is comprised of large diameter spruce there are, however, pockets of dead pine and balsam fir. The area is well drained with many small creeks leading to wetlands at the base of the hill.

Stand Susceptibility: Moderate to High

Access: 4WD, walk

Other Considerations or Limiting Factors: major riparian, abundance of logging

SUMMARY OF CURRENT INFESTATION:

Attack in the stand is common with a good potential for spread. All current populations noted are on a two year cycle, with attack from 2015 and 2014 present in the stand. Old attack is also visible.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
No data	No data	No data		No data	
<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>	No data	No data	No data	No data	No data

MANAGEMENT: (in decreasing preference)

Option #1:

Harvest immediately, given the current harvest activity in the area, to control 2016 flight

Option #2:

In anticipation of time restraints for control, the land could be grid probed and attacked trees felled and burned.