

Spruce Bark Beetle Report 2015 Fall

2015-PHI-027

ADMINISTRATION

Polygon: PHI027 **Hectares:** 213.42 **Exact Location:** approx. 3.5 km off the connector at 5km

Walkthrough: 10970m **Number of Probe Pixels:** 5 **Date:** 2015.11.18-19 **Crew:** J. Cousens, M. Vanderstap, S. Turcotte

STAND INFORMATION

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

This is a very large polygon situated on a large hillside that is well drained with many small creeks and wetlands. It is surrounded almost exclusively on all sides by mature and immature timber, there is an older cutblock on a portion of the east boundary. Slope averages 30% with a rough east and northeast aspect. The remaining composition (excluding the dead pine) is roughly and even mix of mature spruce and balsam fir. Blowdown among these species is generally light.

Stand Susceptibility: Moderate

Access: 4WD, walk

Other Considerations or Limiting Factors: riparian areas, poor access.

SUMMARY OF CURRENT INFESTATION:

Currently low attack in the stand, but spread is definitely a possibility due to the large amount of large diameter healthy spruce. The attack noted is on a two year cycle with scattered code fives.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
999.7	61.7	0		26.9	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	32	28	45	11	0

MANAGEMENT: (in decreasing preference)

Option #1:

Monitor due to spread potential

Option #2:

Monitor.