

Spruce Bark Beetle Report 2015 Fall

2015-PHI-031

ADMINISTRATION

Polygon: PHI031 **Hectares:** 108.29 **Exact Location:** 7.5km Scovil M/L
Walkthrough: 5500m **Number of Probe Pixels:** 3 **Date:** 2015.11.5 **Crew:** S. Turcotte, J. Cousens, M. Vanderstap

STAND INFORMATION

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

The site is located immediately adjacent to and south of the Scovil M/L at approximately 7.5km. it is surrounded almost exclusively by older cutblocks and it appears that this polygon itself may have a proposal within it, though the map doesn't show it, there is new ribbon for road and boundary. The slope within the unit is around 25% though there are definitely flatter areas and some steeper. While there are pockets of alder and wetter openings, the predominant species in the composition is mature spruce. Balsam fir, aspen and dead pine can be found throughout. Blowdown is low generally, can be high along cutblock edges.

Stand Susceptibility: Moderate

Access: 4WD, walk

Other Considerations or Limiting Factors: may be difficult to access due to slope

SUMMARY OF CURRENT INFESTATION:

Attack in this stand is currently light and scattered. The potential for spread here is good given the abundance of spruce of large diameter.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
897.2	121.5	0		130.2	
<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>	12	16	41	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Conventional Trap Trees, given the reasonable existing access.

Option #2:

Monitor due to potential for spread.