

Spruce Bark Beetle Report 2015 Fall

2015-MIS-013

ADMINISTRATION

Polygon: MIS013 **Hectares:** 107.87 **Exact Location:** Honeymoon Creek at its Highway 97 junction

Walkthrough: 5200m **Number of Probe Pixels:** 3 **Date:** 2015.10.19 **Crew:** D. Norwell, S. Turcotte, M. Vanderstap

STAND INFORMATION

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

This polygon is situated on the north side of Honeymoon Creek with access directly from the CRS maintenance yard on Highway 97. The terrain is southwest facing, steady and continuous down to the creek. The slope can reach up to 80 and 90% in places, but generally the slope ranges in the 10-30% area. Blowdown is low usually, but there are small patches of recent activity. There is old access for a short distance on the southwest side of this poly through mature timber. The timber here is comprised of mainly balsam fir and spruce.

Stand Susceptibility: Low to Moderate

Access: 2WD, walk

Other Considerations or Limiting Factors: high visibility, CRS maintenance yard, very steep ground, major creek.

SUMMARY OF CURRENT INFESTATION:

Attack is generally light in pockets and can be scattered since the balsam fir component is rather high, though the potential for spread remains quite high also.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
406	41.6	0		118	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	12	7	29	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Conventional trap trees should be established where access exists.

Option #2:

Due to the scattered nature of the attack grid probing the area would provide much better information on attack levels and locations.