

Spruce Bark Beetle Report 2015 Fall

2015-MIS-015

ADMINISTRATION

Polygon: MIS015 **Hectares:** 107.81 **Exact Location:** just south of Bijoux Falls on south side of the Misinchinka River

Walkthrough: 5100m **Number of Probe Pixels:** 3 **Date:** 2015.10.25 **Crew:** D. Norwell, S. Turcotte

STAND INFORMATION

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

This long thin polygon is bordered by old cutblocks and access roads on the west, and mature timber to the north south and east. The terrain is gently sloping to the west with some large flatter areas. Balsam fir is the leading species in the composition with spruce making up the majority of the remaining stems. The area is well drained with small streams scattered throughout the hillside. Blowdown is light and root disease is prevalent.

Stand Susceptibility: High

Access: ATV, boat, walk

Other Considerations or Limiting Factors: major riparian area, extremely poor access, trappers cabin within the polygon boundary

SUMMARY OF CURRENT INFESTATION:

The current attack is low and scattered, all on a two year cycle. There are susceptible types outside the boundaries of this polygon.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
200	31.4	16.2		123.7	
<i>Bark Sample Data</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
(combined)	28	10	43	0	22

MANAGEMENT: (in decreasing preference)

Option #1:

Sanitation harvest, but due to lack of access, possible fall and burn or fall and peel

Option #2:

Conventional trap trees