

Spruce Bark Beetle Report 2015 Fall

2015-MOR-003

ADMINISTRATION

Polygon: MOR003 **Hectares:** 18.15 **Exact Location:** town ski trails near Lost Lake
Walkthrough: 1003m **Number of Probe Pixels:** 1 **Date:** 2015.10.15 **Crew:** D. Norwell, S. Turcotte

STAND INFORMATION

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

This site is situated in the town of Mackenzie on the cross country ski trail system adjacent to a lake locally known as Lost Lake. The site is generally flat with a slope of 20-30% rising near the east side. The stand is comprised of a mix of balsam fir and mature spruce intermixed with birch and aspen. Blowdown is common but usually old. The west side borders on the lake while the remainder of the unit is bounded by mature and immature timber.

Stand Susceptibility: Low

Access: ATV

Other Considerations or Limiting Factors: cross country ski trails, riparian

SUMMARY OF CURRENT INFESTATION:

This unit is experiencing scattered current attack from the spruce beetle on a two year cycle. The trees that have been targeted are on the small side for diameter with lots of woodpecker activity.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
44.9	13.7	0		0	
<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>	6	2	3	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Conventional trap trees

Option #2:

Grid probe to determine extent, due to high visibility and recreation use.