

Spruce Bark Beetle Report 2015 Fall

2015-MOR-005

ADMINISTRATION

Polygon: MOR005 **Hectares:** 385.87 **Exact Location:** 4km on Morfee Mtn Road

Walkthrough: 19,500 **Number of Probe Pixels:** 8 **Date:** 2015.10.26, 27 **Crew:** P. Milanovich, M. Vanderstap, D. Norwell, S. Turcotte

STAND INFORMATION

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

The unit has generally steep terrain with varied aspects. Slopes range from 40% and exceed 60% in many places. The species composition on the south end is mainly mature balsam fir with a much more even mix of spruce in the northern regions. The site is bounded on all sides by mature and immature timber, with access basically on the west side of the polygon. Blowdown is present but generally an acceptable level.

Stand Susceptibility: Low (S) High(N)

Access: 4WD

Other Considerations or Limiting Factors: steep slopes, riparian areas.

SUMMARY OF CURRENT INFESTATION:

There is no attack in the very southern of the polygon and no real possibility of expansion here due to the high level of balsam fir. The remaining northern 2/3 of the unit, however, has attack with potential for expansion. Attacked trees are on a two year cycle.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
507.3	215	0		222.3	
<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>	39	31	95	0	6

MANAGEMENT: (in decreasing preference)

Option #1:

Harvest in the northern portion of the polygon

Option #2:

Conventional trap trees in conjunction with fall and burn.