

Spruce Bark Beetle Report 2015 Fall

2015-MOR-002

ADMINISTRATION

Polygon: MOR002 **Hectares:** 260.28 **Exact Location:** end of the Chichouyenily M/L
Walkthrough: 13000m **Number of Probe Pixels:** 6 **Date:** 2015.10.14 **Crew:** SRGI

STAND INFORMATION

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

This is a very large polygon found at the end of the Chichouyenily Creek M/L NW of the creek itself. Along its length, there are older cutblocks, mature timber, access roads and new development. The slope in the polygon ranges from 25-45% with a general SE aspect. While the species composition of the mature timber varies it is generally a higher component of spruce over balsam fir with some hardwoods mixed in at various locations. The dbh of the spruce averages 30-45cm, recent blowdown at the far south end is common. Access to this unit is reasonable, with abundant beaver activity on the main creek.

Stand Susceptibility: Very High

Access: 2WD

Other Considerations or Limiting Factors: major riparian area, access

SUMMARY OF CURRENT INFESTATION:

This unit has heavy to severe infestation throughout with reasonable opportunity for spread into adjacent mature stands. The majority of the attack is on a two year cycle though one year cycle populations are present.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
174.5	641.5	12.4		224.5	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	37	23	74	1	12

MANAGEMENT: (in decreasing preference)

Option #1:

High priority harvest

Option #2:

Conventional trap trees in conjunction with harvesting.