

Spruce Bark Beetle Report 2015 Fall

2015-MIS-012

ADMINISTRATION

Polygon: MIS012 **Hectares:** 159.68 **Exact Location:** near the CRS maintenance yard at
Honeymoon Creek, adjacent to pipeline

Walkthrough: 8000m **Number of Probe Pixels:** 4 **Date:** 2015.10.18 **Crew:** D. Norwell, P.
Milanovich, M. Vanderstap, S. Turcotte

STAND INFORMATION

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

This polygon is large rectangular shaped located adjacent to and NW side of the pipeline in the pine pass near Honeymoon Creek. There is an older cutblock to the SE of the polygon, along with the pipeline, all other sides bounded by mature and immature timber. The unit is steep, (20-50%) with benches south and southwest facing. The stand has a balsam fir leading in the composition with spruce making up roughly thirty percent of the stems. Blowdown is old and common with some patches of very heavy blowdown. There was no attack noted in these areas. The average diameter of the host species ranges from 20-50%.

Stand Susceptibility: Moderate

Access: 4WD, walk

Other Considerations or Limiting Factors: other resource users – pipeline, steep and rocky.

SUMMARY OF CURRENT INFESTATION:

Attack is generally high, located on the lower slopes but can be found lightly scattered throughout. Even though spruce makes up a small portion of the composition, the risk for spread and continued population growth within and around this unit remains high.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
340.2	117.6	0		65.8	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	27	6	46	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Harvest all portions available

Option #2:

Conventional trap trees