Spruce Bark Beetle Report 2015 Fall

2015-PHI-029

ADMINISTRATION

Polygon: PHI029 **Hectares**: 102.36 **Exact Location**: 10.5km on the Scovil FSR

Walkthrough: 5000m **Number of Probe Pixels**: 3 **Date**: 2015.11.15-16 **Crew**: J. Cousens, M. Vanderstap, S. Turcotte

STAND INFORMATION

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

The site is located approximately 800m south of the FSR adjacent to an old cutblock. All other sides are bordered by mature timber. The entire polygon has a northwest facing slope with roughly a 40% slope. The majority of the stand is a rough even mix of spruce and balsam fir in healthy condition. The site is well drained with numerous creeks and gullies throughout.

Stand Susceptibility: High **Access**: 2WD, walk

Other Considerations or Limiting Factors: various riparian areas, access would need to be improved, steep slopes

SUMMARY OF CURRENT INFESTATION:

Attack in the stand is widely scattered, with almost no attack at the highest elevations. Attack is sporadic and clustered in the lowest elevations. Potential for spread in and around this unit is good but could be tempered with areas of increased balsam fir component. The code one trees assessed are on a two year cycle.

Volume Healthy	*Volume Year One Attack*	*Volume Year Two Attack*		*Volume Old Attack*	
300.4	41.2	3.3		9.4	
Bark Sample Data	***Entrance Holes***	***Adults***	***Larvae***	***Pupae***	***Young Adults***
(combined)	7	1	11	0	0

MANAGEMENT: (in decreasing preference)

Option #1:

Conventional trap trees

Option #2:

Grid probe to find full extent, assess potential for fall and burn.