Spruce Bark Beetle Report 2015 Fall

2015-PAR-007

ADMINISTRATION

Polygon: PAR007 **Hectares**: 60.2 **Exact Location**: approx. 23km on the Parsnip West FSR

Walkthrough: 3570m **Number of Probe Pixels**: 2 **Date**: 2015.10.21 **Crew**: D. Norwell, S. Turcotte

STAND INFORMATION

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

This polygon is located on the shores of Williston Lake, encompassing a small arm of the lake itself. Terrain is generally flat with some steeper sections of 20-35% slope to the southwest. There are a wide variety of timber types in this unit but generally spruce is the leading component, while all species can be found here. The presence of dead pine from the pine beetle epidemic is abundant here also. Blowdown is scattered, average diameter of the host species is 40-45cm with some root disease also.

Stand Susceptibility: High **Access**: 4WD, ATV

Other Considerations or Limiting Factors: access, water bodies, riparian concerns

SUMMARY OF CURRENT INFESTATION:

Attack can be found throughout with areas of much heavier attack localized. Generally on a two year cycle, there are populations on a one year cycle though not a significant amount. Risk of spread from this unit is considered high.

Volume Healthy	*Volume Year One Attack*	*Volume Year Two Attack*		*Volume Old Attack*	
377.5	55.7	0		0	
Bark Sample Data	***Entrance Holes***	***Adults***	***Larvae***	***Pupae***	***Young Adults***
(combined)	21	12	5	1	0

MANAGEMENT: (in decreasing preference)

Option #1:

Harvest in conjunction with a trap tree program

Option #2:

Conventional trap trees.