# Spruce Bark Beetle Report 2015 Fall

# 2015-PHI-028

## ADMINISTRATION

**Polygon**: PHI028 **Hectares**: 51.78 **Exact Location**: 2km on the Scovil FSR

**Walkthrough**: 2700m **Number of Probe Pixels**: 2 **Date**: 2015.11.09 **Crew**: J. Cousens, M. Vanderstap

## STAND INFORMATION

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

The site is located about 1.0km south of the access road. The terrain is sloped with varied aspect as the site surrounds a small hill. Slopes average near 20%. There is planned development in the immediate area. There is old blowdown scattered throughout the polygon as well as root disease. The site is bounded on all sides by a mix of timber and older cutblocks. Timber types within the stand are roughly 60% balsam fir and 40% spruce.

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

**Other Considerations or Limiting Factors:** current access is overgrown.

## SUMMARY OF CURRENT INFESTATION:

Attack in this stand is currently light to moderate, mostly concentrated on the west and south side of the polygon. Attack is also spread into the cutting permit near the centre of the polygon. Potential for spread is moderate to high. Majority of the attack is on a two year cycle, with one population determined to be on a one year cycle.

| *Volume Healthy* | *Volume Year One Attack* | *Volume Year Two Attack* | | *Volume Old Attack* | |
|---|---|---|---|---|---|
| 487.3 | 45.1 | 0 | | 0 | |
| ***Bark Sample Data*** | ***Entrance Holes*** | ***Adults*** | ***Larvae*** | ***Pupae*** | ***Young Adults*** |
| ***(combined)*** | 22 | 17 | 39 | 0 | 22 |

**MANAGEMENT: (in decreasing preference)**

**Option #1**:

Harvest, expand the planned development to include this unit.

**Option #2**:

Conventional trap trees in conjunction with harvesting of this unit.