

**SENECA ENTERPRISES LTD.**

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**SPRUCE BARK BEETLE REPORT
FH17DPG218**STAR PROBE# **2016-PHI-0150**

256

NUMBER OF CODE 1-4 ATTACK

1PROBE LINE **YES****SUMMARY OF CURRENT INFESTATION****LIGHT ATTACK**

Grouping of sites PHI-0147, 0148, 0149, and 0150. All sites south of road 500-800m and have minimal attack. Sites 0148 and 0150 have light attack, site 0147 has old attack and 0149 had no signs of attack.. Is some fresh logging in area and sites are in areas of heavy blowdown from dead pine.

ACCESS

From truck, walk 500-800 m to sites

SITE FEATURES

(Topography, Terrain, Timber Types, Age)

PHI0150 on edge of cutblock, sites 0147,0148 and 0149 very wet with many little creeks running through them. Lots of dead pine with minimal spruce in sites.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Light priority rating in Site 0150 (edge of cutblock) and 0148, both with light attack. Some older attack in wet draw 0147, no current attack.

INCIDENCE AND SEVERITY OF ATTACK

Light severity and isolated attack around cutblock. Sites 0148 and 0150 low priority rating and light attack densities.

RISK OF BEETLE SPREAD and SURROUNDING SITES

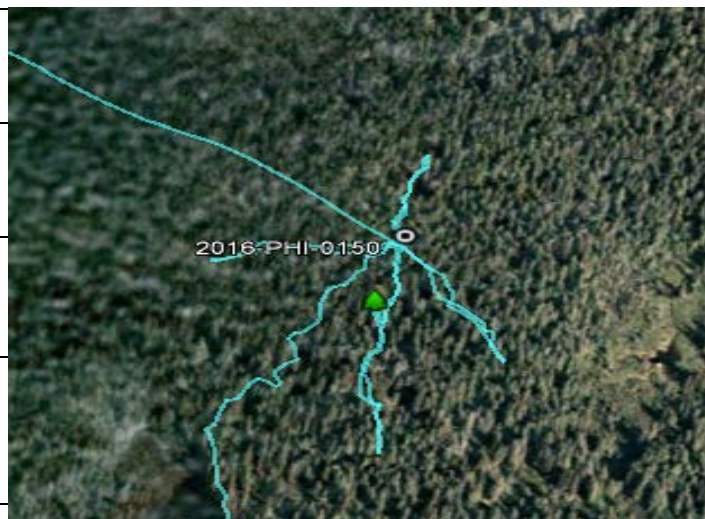
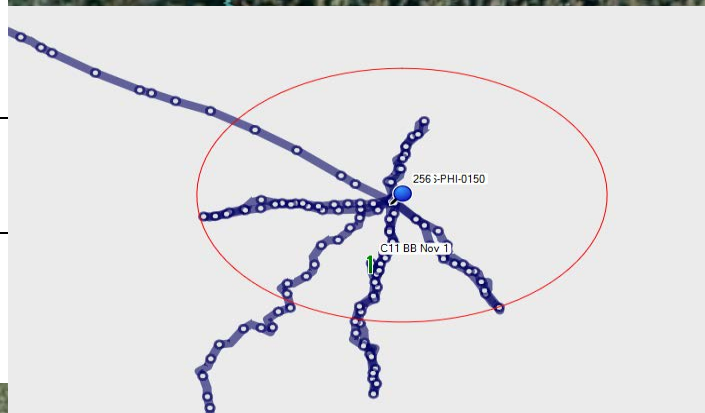
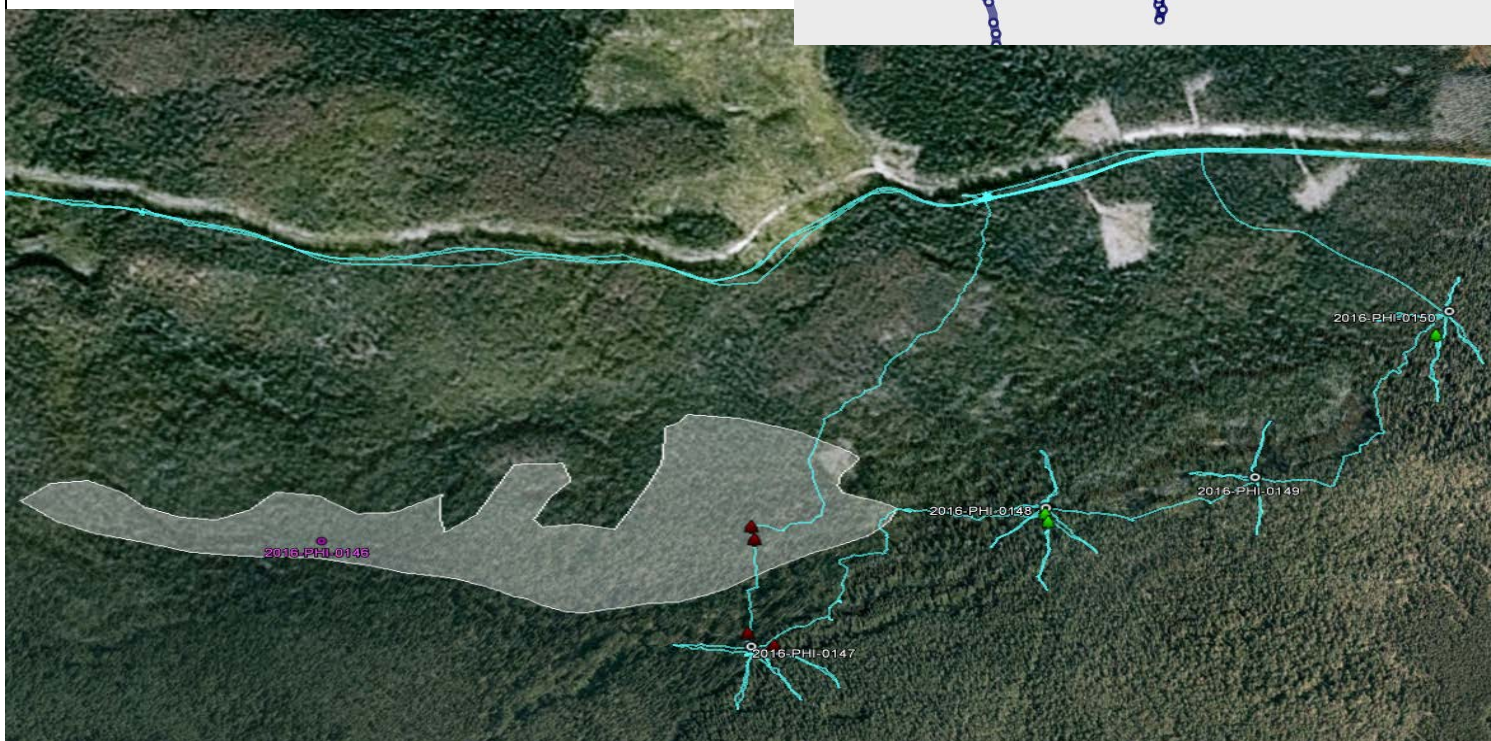
Minimal, there are cutblocks surrounding. All sites wet, with minimal spruce component mixed with dead pine. No real attack in area.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

All accessed south of mainline 600-800m with very wet sites. Site 0150 edge of cutblock.

RECOMMENDATIONS**OPTION 1****NO ACTION**

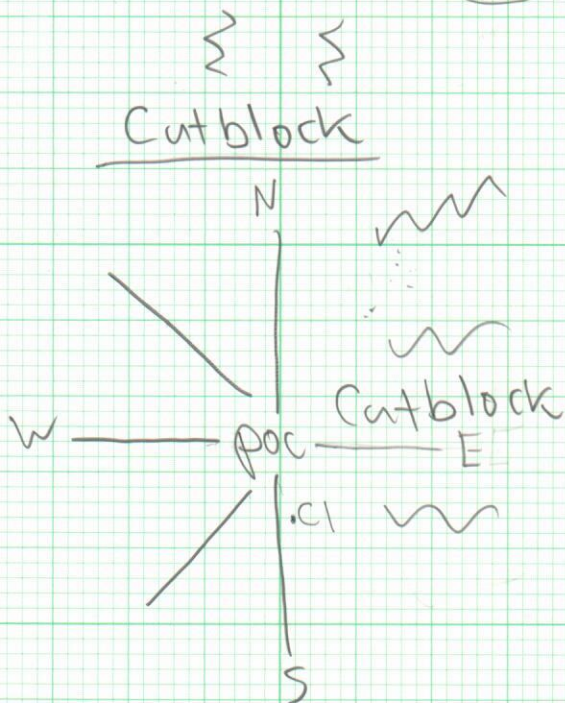
Sites 0148 and 0150 light attack, minimal risk of spread. All other sites no action required as well, no current attack found.



55 13 319

123 19 513

256



poc in cutblock

60% balsam
40% spruce

East into
cutblock

Blake B
Nov 1/16

METRIC FIELD

SPRUCE BEETLE PROBE CARD

LOCATION 256		PAGE OF	
BEARING 180°		DISTANCE 100 m	
STRIP WIDTH 10m			

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK						OTHER TREE SPECIES
			1	2	3	4	5	6	
17.5 - 25.0	3.3	••							Balsam
25.1 - 30.0	5.3	•							:
30.1 - 35.0	7.1	••							✗
35.1 - 40.0	9.4	••							••
40.1 - 45.0	11.6	••							••
45.1 - 50.0	13.8	•• (1)							•
50.1 - 55.0	16.2								
55.1 - 60.0	18.7								
60.1 +	25.3								
TOTALS		18	1						21

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN	
						Attacked	Unattacked
P	5	3	4		2		
S	3	2	5				

COMMENTS (1) = BS

CREW NAMES Blake B	DATE Y M D 16 11 1
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