

**SENECA ENTERPRISES LTD.**

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**SPRUCE BARK BEETLE REPORT
FH17DPG218**STAR PROBE# **2016-PHI-0113**

194

NUMBER OF CODE 1-4 ATTACK

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

Grouping of sites PHI-0113, 0114 and 0115. All sites around grouping of small swamps and site 0113 had one Code 1 current attack. Site 0115 had 1 code 5 older attack. All sites to the north of an older cutblock and walk ins around 600m. All sites mostly very wet with a low volume of spruce and heavy alder.

ACCESS

From truck, walk 600m NW to sites

SITE FEATURES

(Topography, Terrain, Timber Types, Age)

All sites very wet with heavy patches of alder. Low volumes of spruce. Skid trail runs into site PHI-0113

SIZE, BOUNDARY and PATTERN OF INFESTATION

One Code 1 attacked tree found in site 0113, Single Code 5 attack tree found in 0115 with no other evidence of attack. Very light attack, very minimal spruce within stands.

INCIDENCE AND SEVERITY OF ATTACK

One Code 1 attacked tree found in site 0113, Single Code 5 attack tree found in 0115 with no other evidence of attack. Probe line in 0113 had light sanitation priority rating. Very light attack, very minimal spruce within stands.

RISK OF BEETLE SPREAD and SURROUNDING SITES

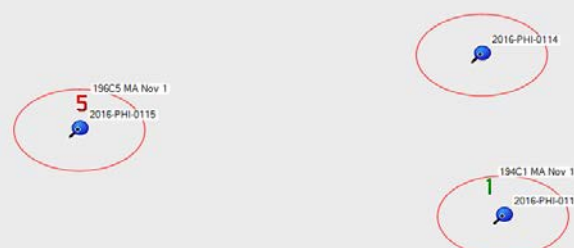
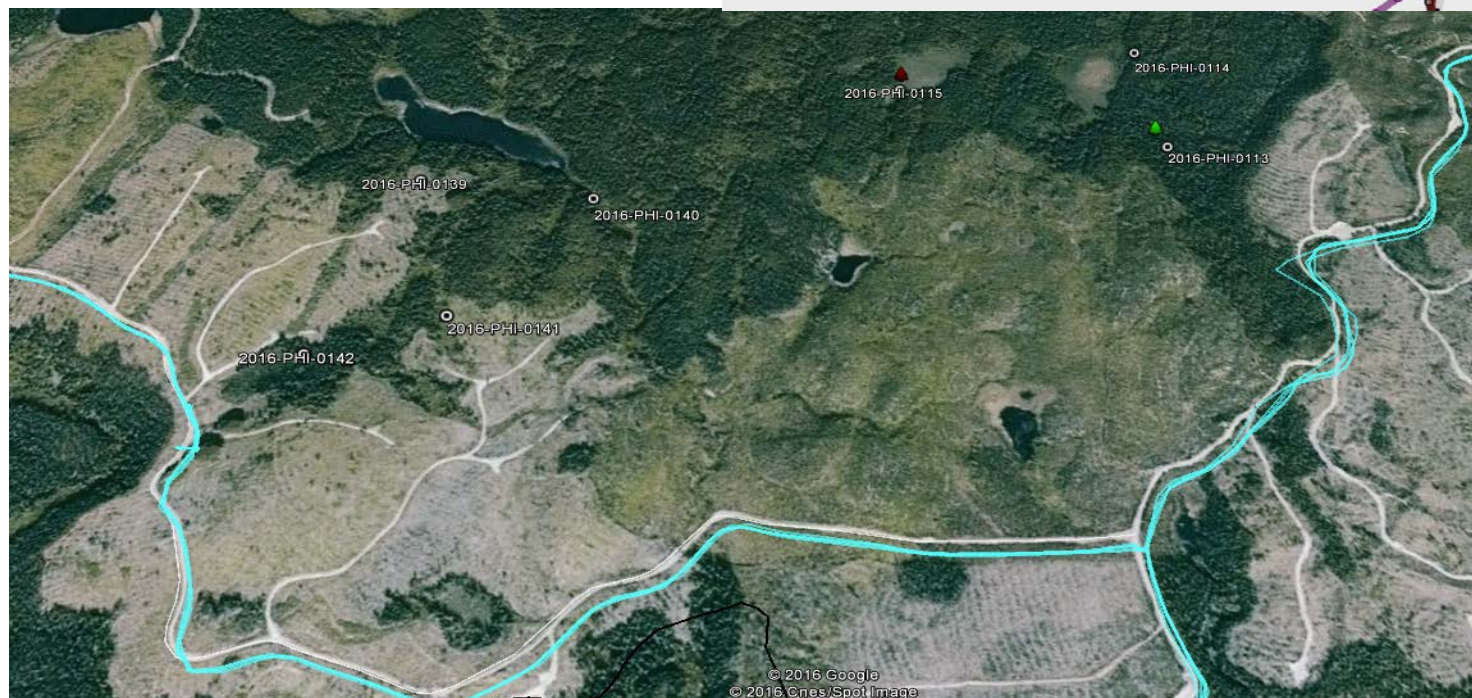
Minimal. Site 0113 has one current attacked tree amongst heavy alder, all sites low volume of spruce. Sites 0114, 0115 had no current attack

ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

All accessed North of mainline, about a 600m walk in. Very wet sites with creeks and swamps, heavy alder throughout, difficult walking except PHI-0113, walk in on skid trail.

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

Site 0113 light attack, minimal risk of spread and poor access. All other sites no action required as well, no current attack found.

Tracks taken on tablet

194

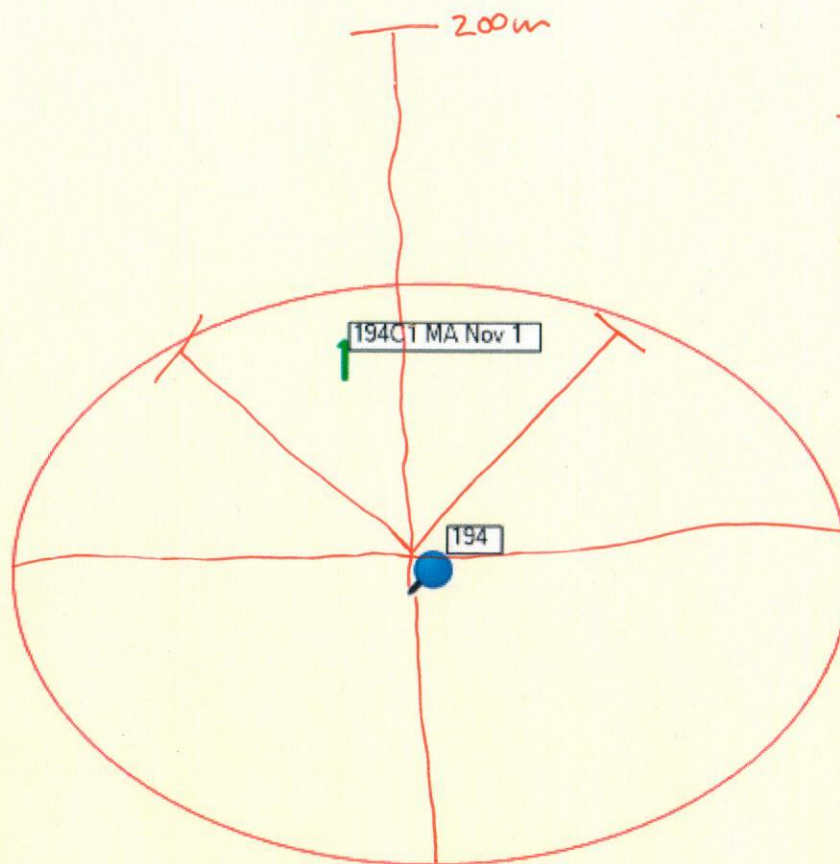
NOV 1ST

MV, MA

Attack - One CI

Access = 550m
~~750m~~ @ 316°

Features - skid trail
run into
site. 60% SX
40% BI



70 m

overzoom

SPRUCE BEETLE PROBE CARD

LOCATION 194		PAGE OF	
BEARING 0°		DISTANCE 100 m	
		STRIP WIDTH 10 m	

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	••							B1
25.1 - 30.0	5.3	11							••
30.1 - 35.0	7.1	11	①						••
35.1 - 40.0	9.4	••							••
40.1 - 45.0	11.6	•							11
45.1 - 50.0	13.8								
50.1 - 55.0	16.2								
55.1 - 60.0	18.7								
60.1 +	25.3								
TOTALS		23							21

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN	
						Attacked	Unattacked
N	2	1	2	/	/		
S	1	/	/	/	/		

COMMENTS
① = BS

CREW NAMES MA / MV	DATE Y M D 16 11 1
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Plot 194

Skinner trail

100m

Area
being
logged

CI

72m

100m

W

100m

E

Skinner trail

ICOUVER, CANADA
100F