

**SENECA ENTERPRISES LTD.**

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WALKTHROUGH DISTANCE: **900**

SPRUCE BARK BEETLE REPORT

FH16DMK010

POLYGON: **2015-PHI-008** HECTARES: **16.63**

ESTIMATED INFESTED PIXELS FROM
WALKTHROUGH (Code 1-4) **3 33.3%**

SUMMARY OF CURRENT INFESTATION

Walkthrough estimate shows a third of the polygon with infested pixels. Within these pixels, the attack is scattered within as only 3 code 3 attack and 1 code 1 attack tree found with no older attacked trees. Polygon flat and open stand with moderate attack density determined on one Code 1 tree found.

SCATTERED ATTACK IN SOUTH**ACCESS**

Access was walk in 300m through cutblock to polygon.

POLYGON FEATURES (Topography, Terrain, Timber Types, Age)

Minimal slopes with 0-10% throughout. Polygon has a mix of 60% Spruce to 40% balsam. Very wet areas in the northern portion of Polygon.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Infestation is located in southern part of Polygon alongside old cutblock. There were three pixels Infested but total trees infested were low, as 1 Code 1 and 3 code 3 attacked trees found.. Scattered attack within the southern part of Polygon

INCIDENCE AND SEVERITY OF ATTACK

From one probe line, one bark sample taken and has a moderate attack and larval density. Scattered attack with 1 code 1 and 3 code 3 attacked trees. No older attacked trees found from walkthrough

RISK OF BEETLE SPREAD

Polygon has light scattered attack and is an open stand with Spruce Balsam mix. There are cutblocks surrounding infestation and started alongside older cutblock. Moving slowly through polygon

ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

Good access through old cutblock and minimal slopes. (0-10%) Very wet in northern half of polygon.

RECOMMENDATIONS**OPTION 1****MONITOR/BAIT**

Sanitation and salvage rating light and polygon has moderate attack density. Easy access for setting up Baits.

OPTION 2**PROBE/ FALL AND BURN**

Could also do a grid probe with a fall and burn component as Code 3 attack trees seem to be scattered with good walking access.

2015-PHI-008

SPRUCE BEETLE WALKTHROUGH

Legend

 POCPRO1

 SCATTERED ATTACK



Google earth

© 2015 Cnes/Spot Image

300 m

SPRUCE BEETLE PROBE CARD

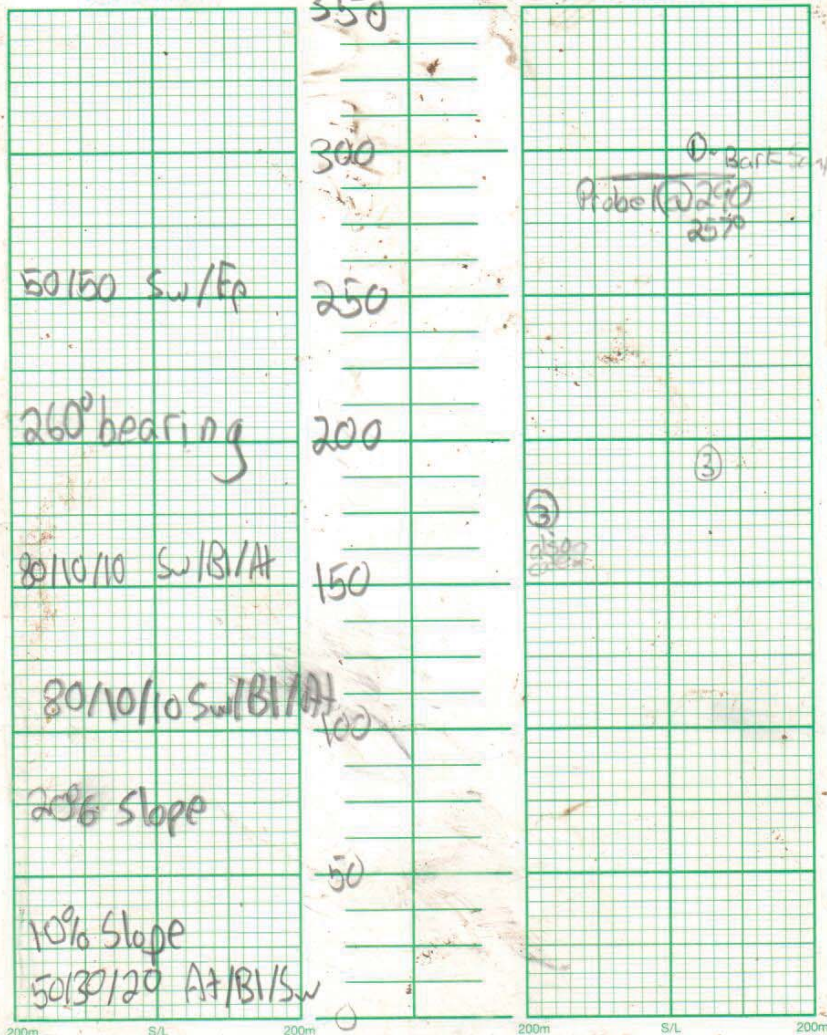
LOCATION PHT-008 104 0492140 6099314		Probe1		PAGE OF						
BEARING 257°		DISTANCE 100 m		STRIP WIDTH 10 m						
DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK						OTHER TREE SPECIES	
			1	2	3	4	5	6		
17.5 - 25.0	3.3									B1 Ep
25.1 - 30.0	5.3									
30.1 - 35.0	7.1	••			•					
35.1 - 40.0	9.4	••								
40.1 - 45.0	11.6	••• (O)								
45.1 - 50.0	13.8	••								
50.1 - 55.0	16.2									
55.1 - 60.0	18.7	•								
60.1 +	25.3	•								
TOTALS		14	1		1		1		16	15
BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN				
						Attacked	Unattacked			
North		0	•	•	••					
South	••	0	••	0	••					
COMMENTS • Bark Sample										
CREW NAMES Aaron Colebank						DATE 2005/11/04				

TOPOGRAPHY

STRIP No.

PHI-008

TIMBER TYPE



STRIP NO.:

PHI-008

DIRECTION:

228

START STRIP:

10 U 0492432 6097573

JOB NO.:

DATE:

Nov 4, 2015

CREW:

Aaron Colebank

REMARKS:

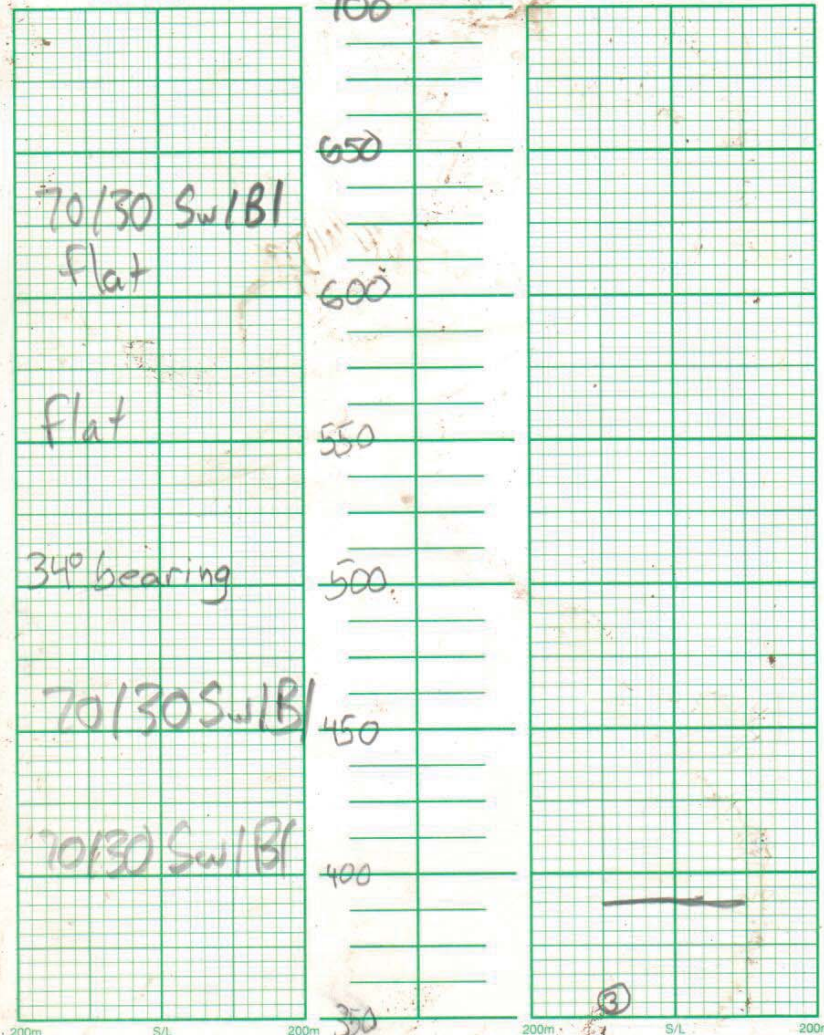


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TOPOGRAPHY

STRIP No.

TIMBER TYPE



STRIP NO.:

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START STRIP:

JOB NO.:

DATE:

CREW:

REMARKS:



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PHI-008

TIMBER TYPE

900
 800
 750
 700

Scale change
 70130 SW/B1
 60° bearing

STRIP NO.: _____ DIRECTION: _____

START STRIP:

JOB NO.: _____ DATE: _____

CREW: _____

REMARKS: _____



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