

**SENECA ENTERPRISES LTD.**

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**SPRUCE BARK BEETLE REPORT
FH17DPG218**STAR PROBE# **2016-PHI-0123****204**

NUMBER OF CODE 1-4 ATTACK

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

Grouping of sites PHI-0123, 0124, 0125 and 0126. All sites are west of mainline and all surrounded by fresh cutblocks. Very light attack with sites PHI-0123 and PHI-0124 Having Isolated single Code 3 Attack with light Sanitation priority ratings. Other sites no signs of attack.

ACCESS

From truck, walk 600m to 2.2km west to sites

SITE FEATURES

(Topography, Terrain, Timber Types, Age)

Site 0123 has Stream along North, cutblock to west. Site 0124 open stand with cutblock at 30m East. Site 0125 has cutblock at 50m to the north. Site 0126 has Heavy Balsam in stand.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Surrounded by cutblocks with 2 sites having single Code 3 attacked trees. Very isolated light scattered attack.

INCIDENCE AND SEVERITY OF ATTACK

Surrounded by cutblocks with 2 sites having single Code 3 attacked trees. Very isolated light scattered attack amongst sparse spruce stands with smaller DBH

RISK OF BEETLE SPREAD and SURROUNDING SITES

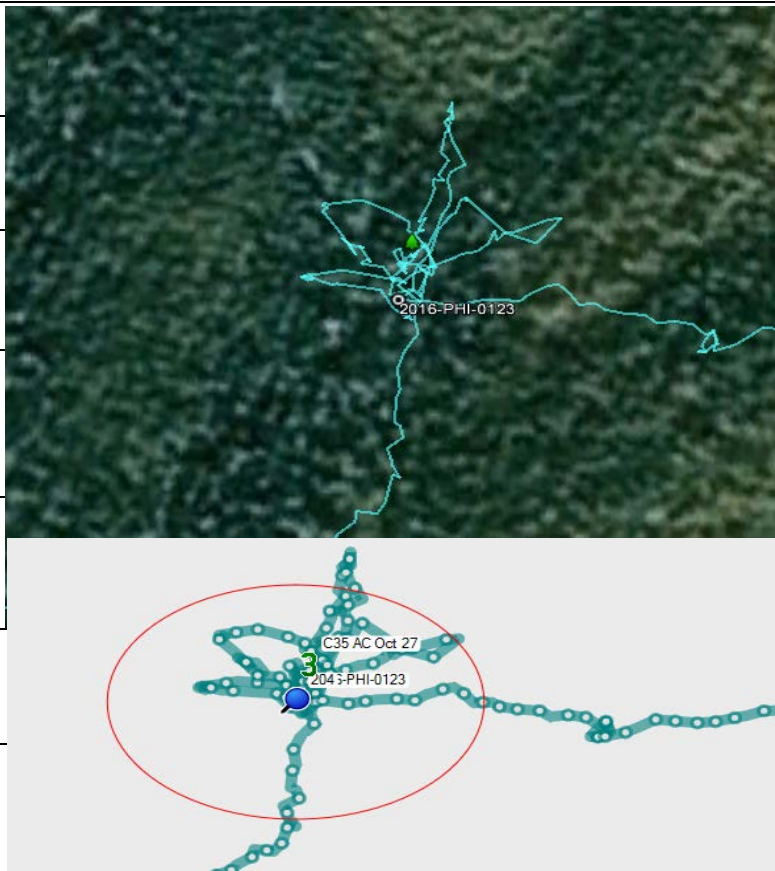
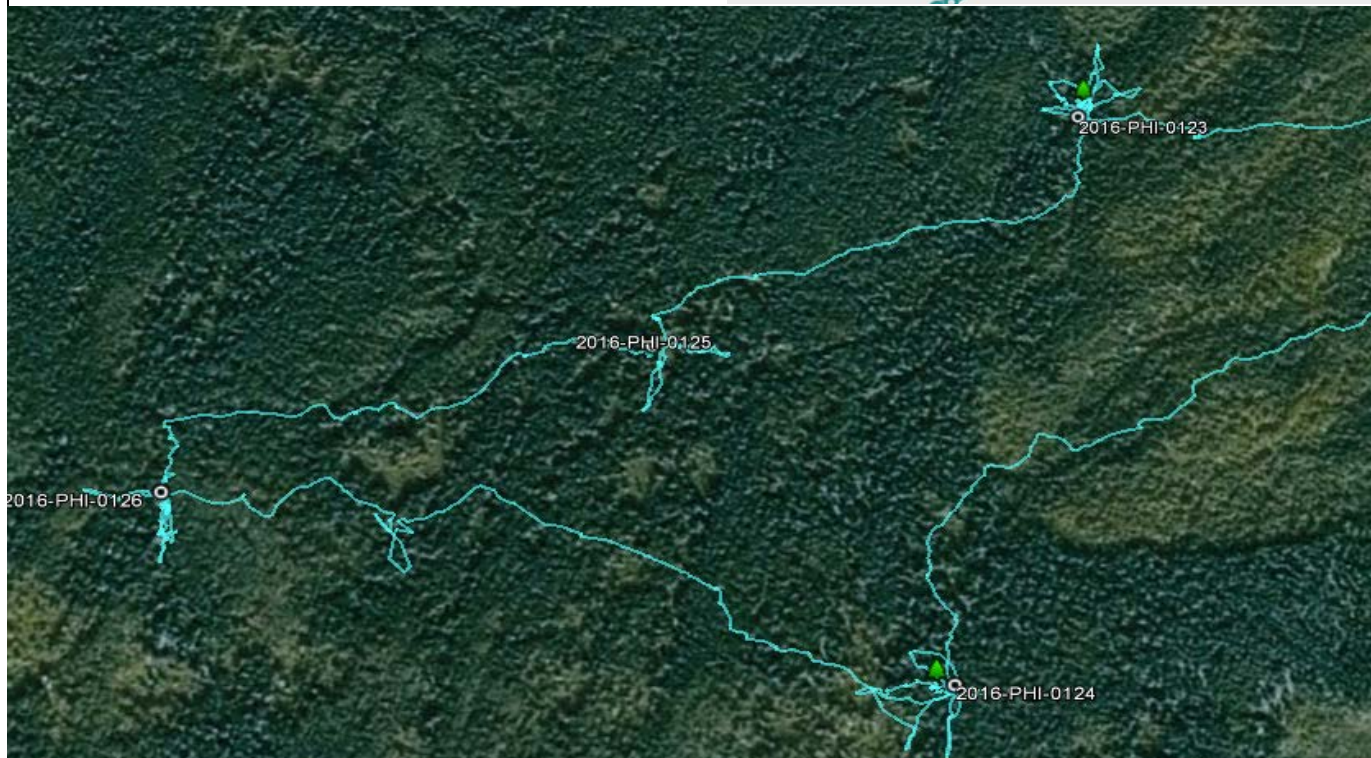
Minimal. Sites 0123 and 0124 has one current attacked tree amongst low volume of spruce. All sites are surrounded by fresher cutblocks.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

All accessed Wets of mainline, from a 600m walk in to 2.4km. All boundary new fresh cutblocks and is just some spillover trees with minimal impact expected.

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

Although beetle will fly in 2017 in 0123 and 0124, very light single Code 3 attacked trees, Areas surrounded by fresh logging.



SITE 204

- Oct 27, 2016

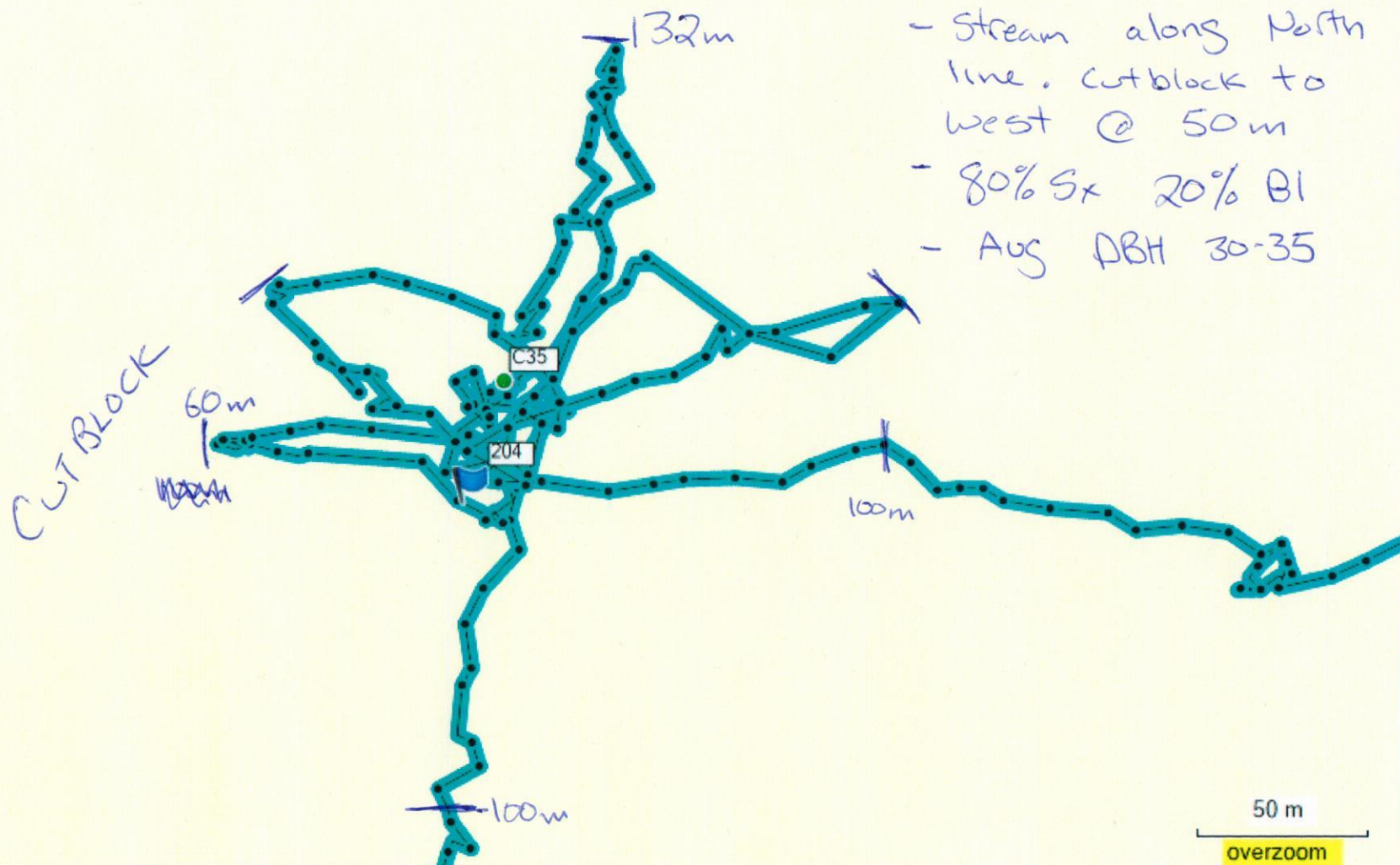
- AC

- Attack = C3

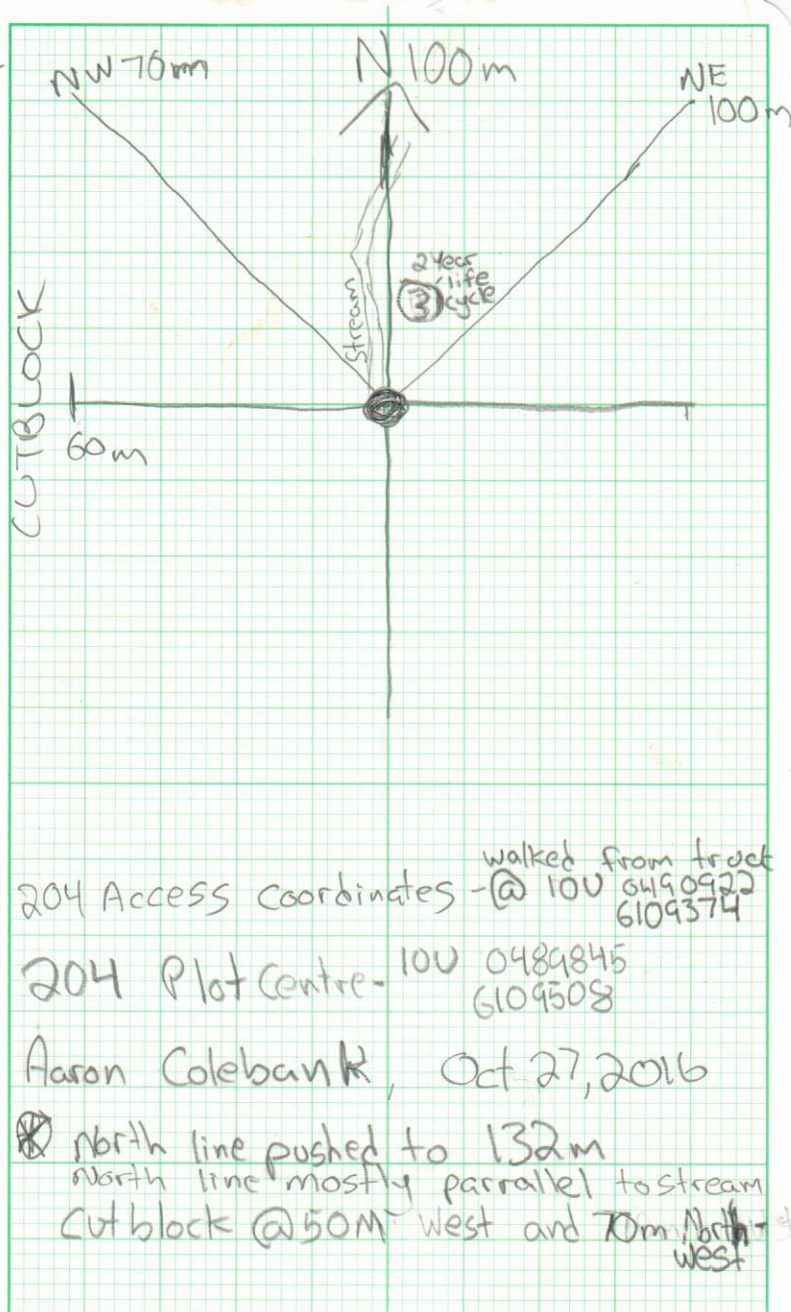
- Stream along North line. Cutblock to West @ 50m

- 80% Sx 20% BI

- Aug DBH 30-35



204





BRITISH
COLUMBIA



BEETLE PROBE CARD

LOCATION		204 North line		ELEVATION	919m	LATITUDE	108° 04' 29.845" W 61° 04' 50.8" N	PAGE	OF	
BEARING	0°	STRIP LINE NO	North	STRIP WIDTH	10m	DISTANCE	100m	BEETLE SPECIES ☒ SB ☐ MPB ☐ DFB		
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	MAIN	OTHER
12.5 - 17.4	2.0									
17.5 - 25.0	3.3	••								
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									
50.1 - 55.0	16.2									
55.1 - 60.0	18.7									
60.1 -	25.3									
TOTALS		12		1				2		
BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN				
						Attacked	Unattacked			
North	••	••	••		••					
South	••	••			••					
COMMENTS										
• = Bark Sample Code 3 is 2 nd year life cycle										
CREW NAMES						DATE				
Aaron Colebank						Y M D 2016 10 27				