

**SENECA ENTERPRISES LTD.**

PO BOX 1902, PRINCE GEORGE, BC, V2L 5E3

Phone: (250) 561-0890, Fax: (250) 564-3275

NUMBER OF CODE 1-4 ATTACK

1**SPRUCE BARK BEETLE REPORT
FH17DPG218**STAR PROBE# **2016-PHI-0172****281**PROBE LINE **YES****SUMMARY OF CURRENT INFESTATION****LIGHT ATTACK**

Grouping of sites PHI-0166, 0167, 0168, 0171 and 0172. All sites south of road, sites 0171 and 0172 edge of cutblock just off mainline with one strip attack code 2 in site 0172 Site 0171 had some unsuccessful attack (Pitchouts). Further southwest, Site 0166 (1 Code 3 Attack) Site 0168 (2 Code 3, 3 Code 5 older Attack). These sites also with light scattered attack, no real risk of spread with light sanitation ratings. (<200)

ACCESS

From truck, walk 100m to sites 0171-0172 beside cutblock. Sites 0166, 0167 and 0168 walk south 900m to 1.6km.

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

Sites 0171 and 0172 adjacent to cutblock. Flat sites, 70% Spruce, 30% Balsam. Sites 166, 167 and 168 are Balsam, Pine Spruce stands, with Spruce 30% of stand. Open stands, flat 0-10% slopes.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Light scattered attack in and around all sites. Sites 0171, 0172 had one strip attack, and some pitchouts. Sites 0166, 0167, 0168 has 3 code 3 attack (Flight 2017) and 3 code 5 old attack.

INCIDENCE AND SEVERITY OF ATTACK

Light scattered attack in and around all sites. Sites 0171, 0172 had one strip attack, and some pitchouts. Sites 0166, 0167, 0168 has 3 code 3 attack (Flight 2017) and 3 code 5 old attack. Low incidence and severity with light priority rating from 3 probe lines.

RISK OF BEETLE SPREAD and SURROUNDING SITES

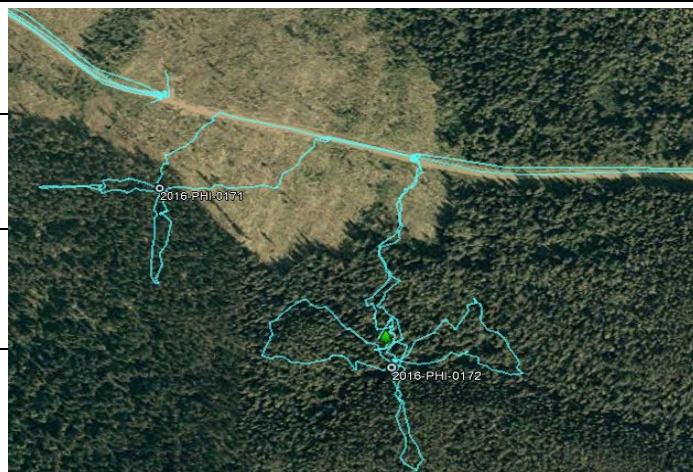
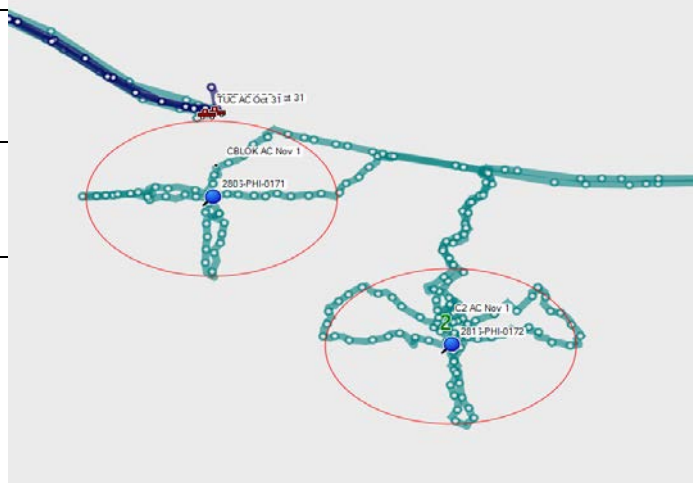
Light sanitation priority rating and attack densities in all sites. Low rate of spread within area as to the south, minimal spruce components

ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

From truck, walk 100m to sites 0171-0172 beside cutblock. Sites 0166, 0167 and 0168 walk south 900m to 1.6km, flat with slopes 0-10%. A few small drainages to cross with access.

RECOMMENDATIONS**OPTION 1 NO ACTION**

Light scattered with very low ratings. Low spruce component so attack will be concentrated if flight to a few trees. Poor access with light priority rating. Could fall and burn single trees if time permits as will be flight in 2017 represented by callow adults. But lower attack densities. Monitor area, walkthrough 2017

OPTION 1**MONITOR**

Summary		
2016-PHI-0172	281	



281

Nov 1st

AC

Attack - One C2

Access - 225m @ 190°
from roadside.

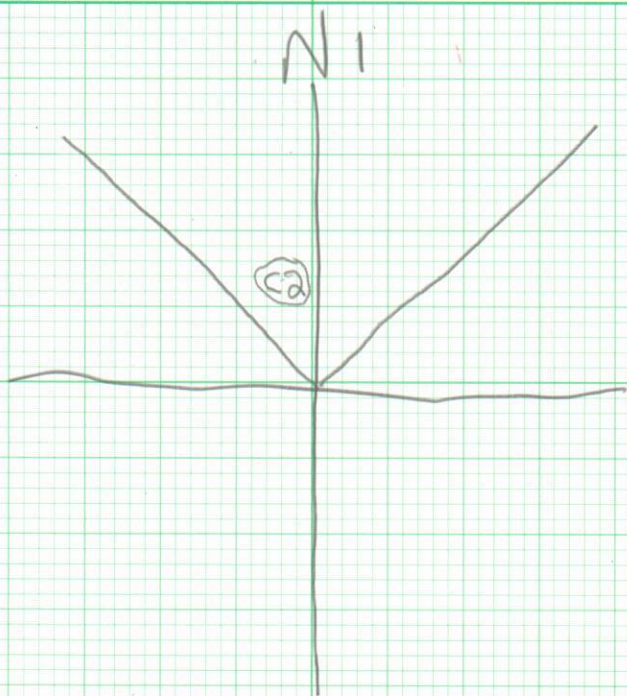
Features - 70% Sx 30% B)

No slopes. Close
to plantation.

70 m

overzoom

281



Access - walked from truck (W) 10V0477731
6115844

281 Plot Centre - 10V0477699
6115619

Aaron Colebank Nov 2nd, 2016

⊕ Northline pushed to 132m

SPRUCE BEETLE PROBE CARD

LOCATION 281 North		1000478930 6116379		PAGE OF elev: 1031m					
BEARING 0°		DISTANCE 100m		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	2							B1
25.1 - 30.0	5.3	8							
30.1 - 35.0	7.1	7							
35.1 - 40.0	9.4	2							
40.1 - 45.0	11.6	2	1						
45.1 - 50.0	13.8	1							
50.1 - 55.0	16.2								
55.1 - 60.0	18.7								
60.1 +	25.3								
TOTALS		34	1						13
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		1	2						
COMMENTS ① Bark sample, code 2									
CREW NAMES Aaron Colebank					DATE Y M D 2016 11 01				