

SUMMARY OF CURRENT INFESTATION

LIGHT ATTACK (1 CODE 1)

Grouping of Sites 2016-BLA-0105, 0106, 0107, and 0108. Area had scattered Code 5 old attack in each site with Sites 106 and 107 having light single scattered recent attack. Located within polygon 2016-BLA-0112 that we were not surveying.

ACCESS

From truck walk 800m NW through old cutblock

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

Sites are all along edge of older cutblock. Average stand with 60% spruce and some larger DBH spruce around 40cm.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Isolated scattered code 5 older attack with site 106 having a code 3 attack, and site 107 a Code 1 attack. Attacks low intensity and scattered.

INCIDENCE AND SEVERITY OF ATTACK

Very low severity and low sanitation rating.

RISK OF BEETLE SPREAD and SURROUNDING SITES

Very isolated attack and low risk of spread. Sites to the NW showed no signs of attack.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

Fairly flat, sites all along edge of old cutblock.

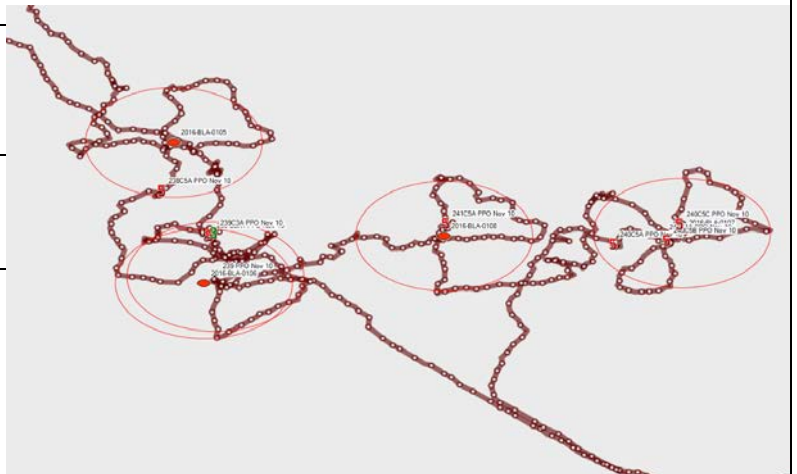
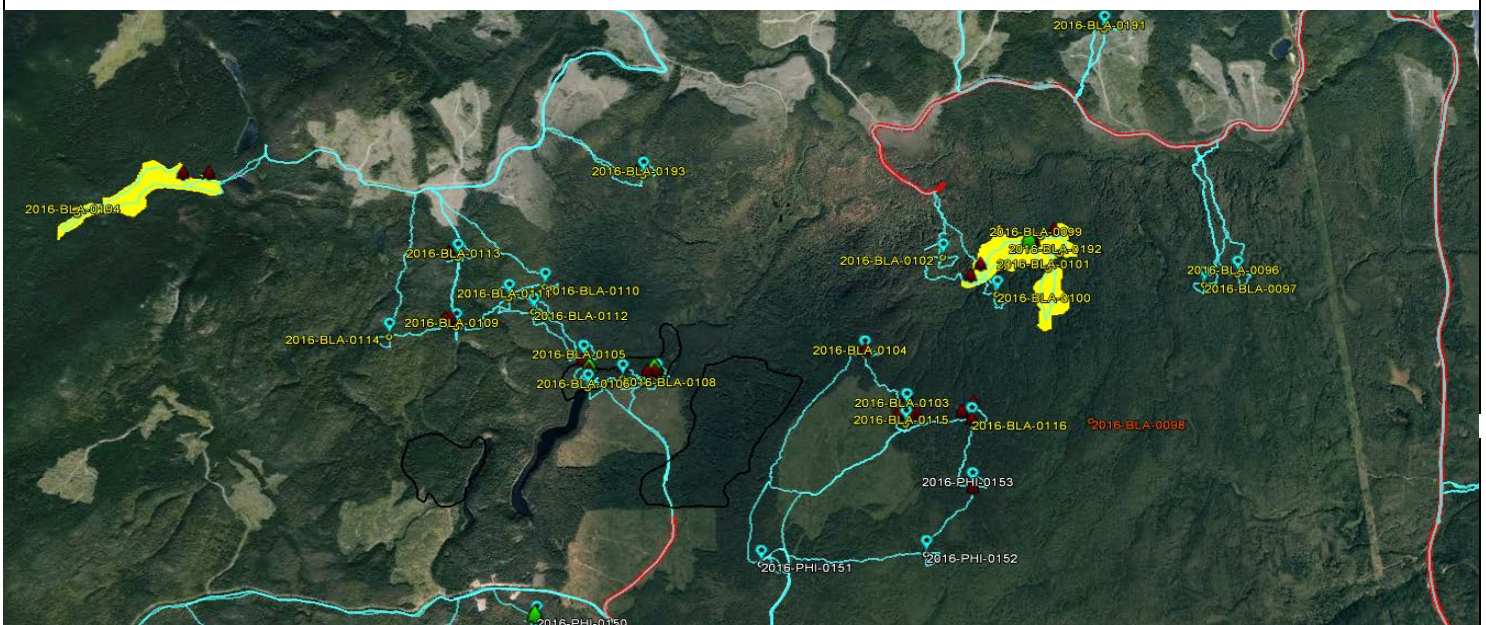
RECOMMENDATIONS

OPTION 1

NO ACTION

Low scattered attack, no action required.

OPTION 2



Summary			
2016-BLA-0107			240

TABLE 5- Spruce Beetle Infestation Summary Sheet

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK						OTHER TREE SPECIES
			2015		2014		2013		
			1	2	3	4	5	6	
17.5-25.0	3.3	13.2	0.0	0.0	0.0	0.0	0.0	0.0	19.8
25.1-30.0	5.3	10.6	0.0	0.0	0.0	0.0	0.0	0.0	5.3
30.1-35.0	7.1	56.8	0.0	0.0	0.0	0.0	0.0	0.0	49.7
35.1-40.0	9.4	9.4	0.0	0.0	0.0	0.0	9.4	0.0	28.2
40.1-45.0	11.6	11.6	11.6	0.0	0.0	0.0	11.6	0.0	11.6
45.1-50.0	13.8	41.4	0.0	0.0	0.0	0.0	0.0	0.0	0
50.1-55.0	16.2	0	0.0	0.0	0.0	0.0	0.0	0.0	0
55.1-60.0	18.7	0	0.0	0.0	0.0	0.0	0.0	0.0	0
60.1 +	25.3	0	0.0	0.0	0.0	0.0	0.0	0.0	0
TOTALS	175.6	143	11.6	0	0.0	0.0	21.0	0	114.6

TABLE 2- Spruce Beetle Management Options after Walkthrough						
% 2016 ATTACK	6.6%	6.6	SANITATION AND SALVAGE HARVEST PRIORITY RATING			
% 2015 ATTACK	0.0%	##	LIGHT	0-599	LEAVE (Monitor, Trap Trees, Baits, etc)	580.6
% 2014 ATTACK	12.0%	##	MODERATE	600-999	PROBE (To Obtain Further Info)	
% HOST IN STAND	60.5%	##	HEAVY	1000+	RECOMMEND CRUISING/ LOGGING	

SUMMARY OF ALL CARDS FS1111	NUMBER OF CARDS	1
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SITE FEATURES -	Sites are all along edge of older cutblock. Average stand with 60% spruce and some larger DBH spruce around 40cm.
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17.5-25.0	3.3	4	0	0	0	0	0	0	6	0
25.1-30.0	5.3	2	0	0	0	0	0	0	1	0
30.1-35.0	7.1	8	0	0	0	0	0	0	7	0
35.1-40.0	9.4	1	0	0	0	0	1	0	3	0
40.1-45.0	11.6	1	1	0	0	0	1	0	1	0
45.1-50.0	13.8	3	0	0	0	0	0	0	0	0
50.1-55.0	16.2	0	0	0	0	0	0	0	0	0
55.1-60.0	18.7	0	0	0	0	0	0	0	0	0
60.1 +	25.3	0	0	0	0	0	0	0	0	0
TOTALS		19	1	0	0	0	2	0	18	0

SIZE, BOUNDARY AND PATTERN OF THE INFESTATION
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INCIDENCE AND SEVERITY OF THE INFESTATION

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RISK OF BEETLE SPREAD

Very isolated attack and low risk of spread. Sites to the NW showed no signs of attack.

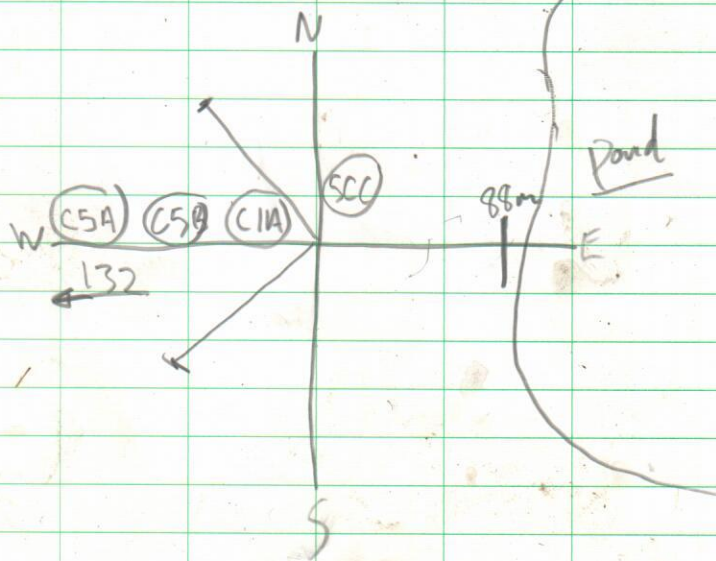
ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

Fairly flat, sites all along edge of old cutblock.

**SPRUCE BEETLE
PROBE CARD**

LOCATION 240		0480244 6121655		PAGE 1 OF 1					
BEARING 270°		DISTANCE 100m		STRIP WIDTH 10					
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	00							B1
25.1 - 30.0	5.3	00							
30.1 - 35.0	7.1	00							
35.1 - 40.0	9.4	0							
40.1 - 45.0	11.6	0							
45.1 - 50.0	13.8	00							
50.1 - 55.0	16.2								
55.1 - 60.0	18.7								
60.1 +	25.3								
TOTALS		19	1					2	18
BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN			
						Attacked	Unattacked		
1A	2	1	1	1	1	1	1		
1B	1	1	1	1	1	1	1		
COMMENTS									
CREW NAMES						DATE			
Pat Poirier						16 / 11 / 10			

FS 1111 RPG 2000/01 7530881048 (100/bdl)



Site # 240

* Access from truck 673 meter at 312°

* Pushed west line to 132

* 50% Sx / 20% Bals

NOV 10, 16 Pat Poirier