

NUMBER OF CODE 1-4 ATTACK

0

PROBE LINE YES

SUMMARY OF CURRENT INFESTATION

Star Probe had 1 Code 1, 1 code 5 and 1 code 6 attack. Probe line has light sanitation rating.

LIGHT ATTACK

ACCESS

Fromn Truck walk 100m at 280 degrees

SITE FEATURES

(Topography, Terrain, Timber Types, Age)

Heavy alder and blowdown in SW, 60% Spruce, 40% Balsam, adjacent to road.

SIZE, BOUNDARY and PATTERN OF INFESTATION

1 Code 1 attack, surrounded by immature and cutblocks.

INCIDENCE AND SEVERITY OF ATTACK

Light, one Code 1 attack noticed.

RISK OF BEETLE SPREAD and SURROUNDING SITES

Minimal, surrounded by cutblocks, light attack.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

Alongside road. Mininmal slopes

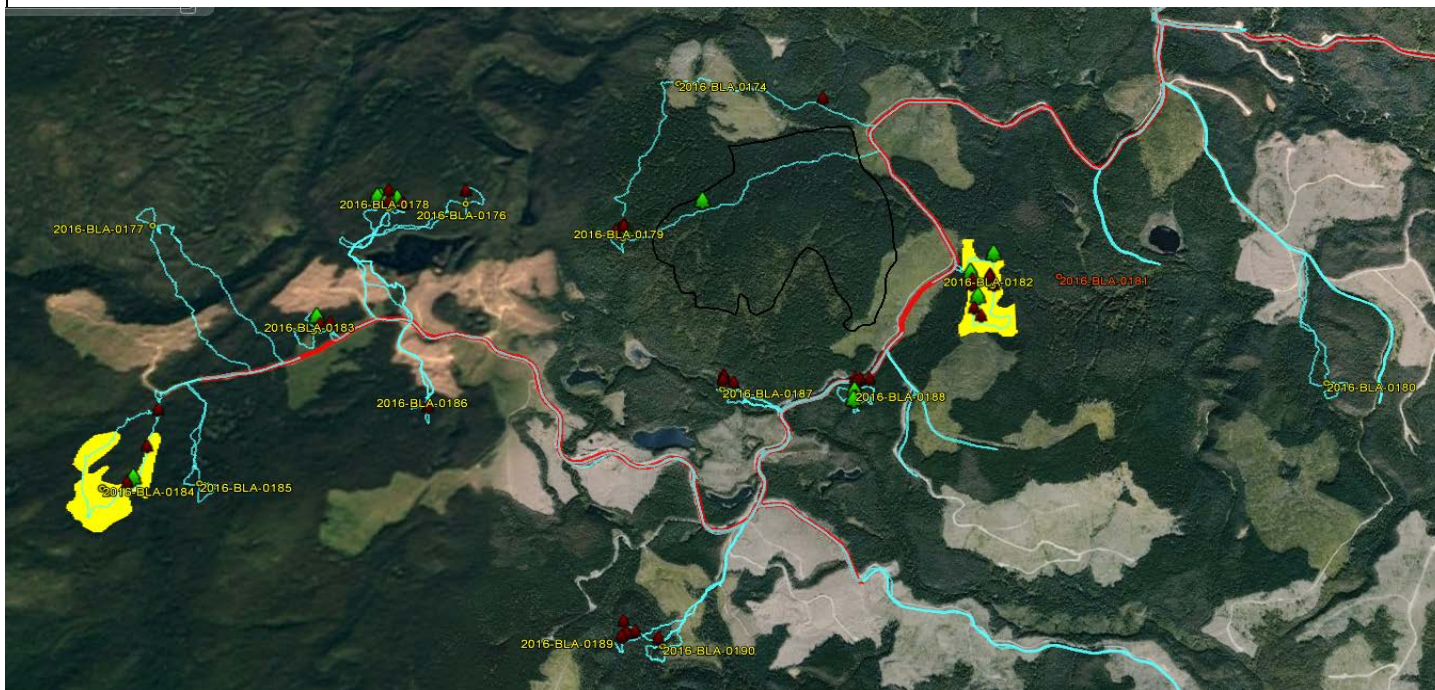
RECOMMENDATIONS

OPTION 1

NO ACTION

Light attack, alongside road, surrounded by cutblocks.

OPTION 2



Summary			
2016-BLA-0183			68
TABLE 5- Spruce Beetle Infestation Summary Sheet			

OF NOTE- Results taken from a 100m Probe Line

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	29.7
25.1-30.0	5.3	58.3	0.0	0.0	0.0	0.0	0.0	0.0	37.1
30.1-35.0	7.1	28.4	0.0	0.0	0.0	0.0	0.0	0.0	21.3
35.1-40.0	9.4	65.8	9.4	0.0	0.0	0.0	0.0	0.0	28.2
40.1-45.0	11.6	23.2	0.0	0.0	0.0	0.0	0.0	0.0	23.2
45.1-50.0	13.8	0	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	198.3	188.9	9.4	0	0.0	0.0	0.0	0	139.5

TABLE 4- Spruce Beetle Attack Density and Larval Density Rating					
MEAN NO. OF ENTRANCE HOLES PER 225 cm2 PHLOEM SAMPLE	< 1 LOW Attack Density		MEAN NO. OF LIVING LARVAE PER 225 cm2 PHLOEM SAMPLE	< 4.9 LOW Mean Larval Density	
	1.0- 1.9 MOD Attack Density			5.0 - 14.9 MOD Mean Larval Density	
	2.0 - 3.9 HIGH Attack Density			15-24.9 HIGH Mean Larval Density	
	< 3.9 SEVERE Attack Density			>24.9 EXTREME Mean Larval Density	
1.50			1.50		

TABLE 2- Spruce Beetle Management Options after Walkthrough			
% 2016 ATTACK	4.7%	4.7	SANITATION AND SALVAGE HARVEST PRIORITY RATING
% 2015 ATTACK	0.0%	##	
% 2014 ATTACK	0.0%	##	
% HOST IN STAND	58.7%	##	
			278.3

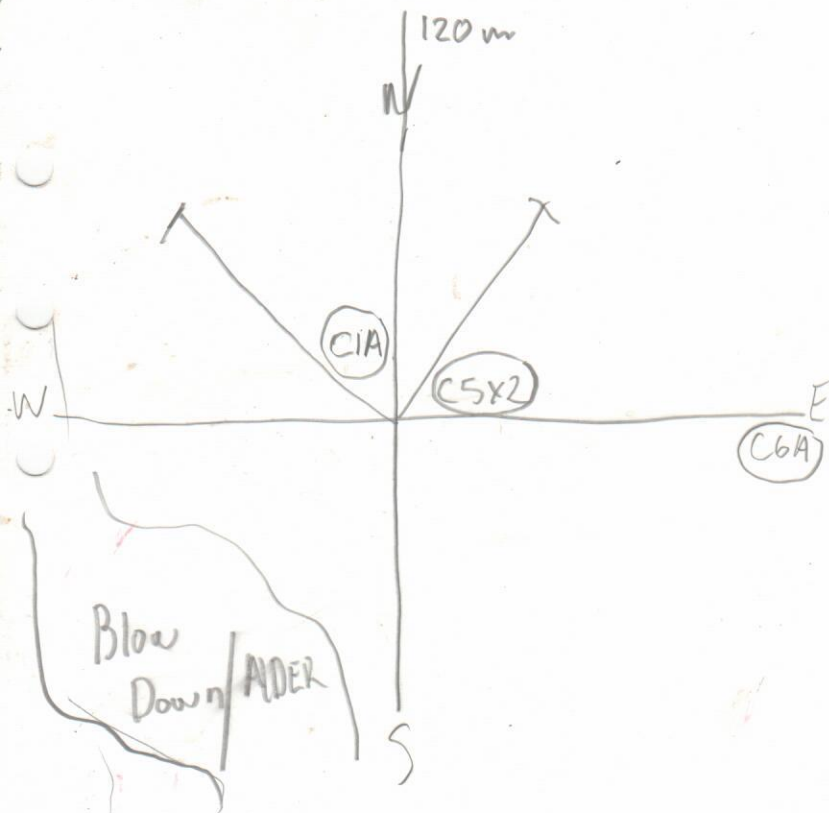
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SUMMARY OF ALL CARDS FS1111										NUMBER OF CARDS		1
ACCESS -		Fromn Truck walk 100m at 280 degrees										
SITE FEATURES -		Heavy alder and blowdown in SW, 60% Spruce, 40% Balsam, adjacent to road.										
DIAMETER CLASS		SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK						OTHER TREE SPECIES		
				2015		2014		2013				
				1	2	3	4	5	6	BL	AT	
17.5-25.0	3.3	4	0	0	0	0	0	0	0	9	0	
25.1-30.0	5.3	11	0	0	0	0	0	0	0	7	0	
30.1-35.0	7.1	4	0	0	0	0	0	0	0	3	0	
35.1-40.0	9.4	7	1	0	0	0	0	0	0	3	0	
40.1-45.0	11.6	2	0	0	0	0	0	0	0	2	0	
45.1-50.0	13.8	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	
55.1-60.0	18.7	0	0	0	0	0	0	0	0	0	0	
60.1+	25.3	0	0	0	0	0	0	0	0	0	0	
TOTALS			28	1	0	0	0	0	0	24	0	
BARK SAMPLES 15 cm x 15 cm		NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. PUPAE ADULTS		NO. LARVAE		NO. CALLOW		FRESH (GREEN) BLOWDOWN		
										Attacked Yr	Unattacked	
										Yr		
2		3	0	3		0		0		0	0	
SIZE, BOUNDARY AND PATTERN OF THE INFESTATION												
1 Code 1 attack, surrounded by immature and cutblocks.												
INCIDENCE AND SEVERITY OF THE INFESTATION												
Light, one Code 1 attack noticed.												
RISK OF BEETLE SPREAD												
Minimal, surrounded by cutblocks, light attack.												
ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES												
Alongside road. Minimal slopes												

SPRUCE BEETLE PROBE CARD

LOCATION: 68		0474803 61272118		PAGE 1 OF 1					
BEARING 00°		DISTANCE 100m		STRIP WIDTH 10					
METER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK						OTHER TREE SPECIES
			1	2	3	4	5	6	
5 - 25.0	3.3	00							BI
1 - 30.0	5.3	00							BI
1 - 35.0	7.1	00							00
1 - 40.0	9.4	00	0						00
1 - 45.0	11.6	00							00
1 - 50.0	13.8								
1 - 55.0	16.2								
1 - 60.0	18.7								
60.1 +	25.3								
TOTALS		28	1						24
RK SAMPLES 5cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN			
						Attacked	Unattacked		
1A	1	1	2	1	1	1	1		
1B	2	1	1	1	1	1	1		
COMMENTS 0 = BS									
REW NAMES Pat Poirier						DATE Y M D 16 11 05			

1111 RPG 2000/01 7530881048 (100/bdl)



Site #68 - 0474787
6127188

* Heavy alder and blow down in SW quad

* 60% spruce 20% bals

* NOV 5, 16 Patrick Poirier