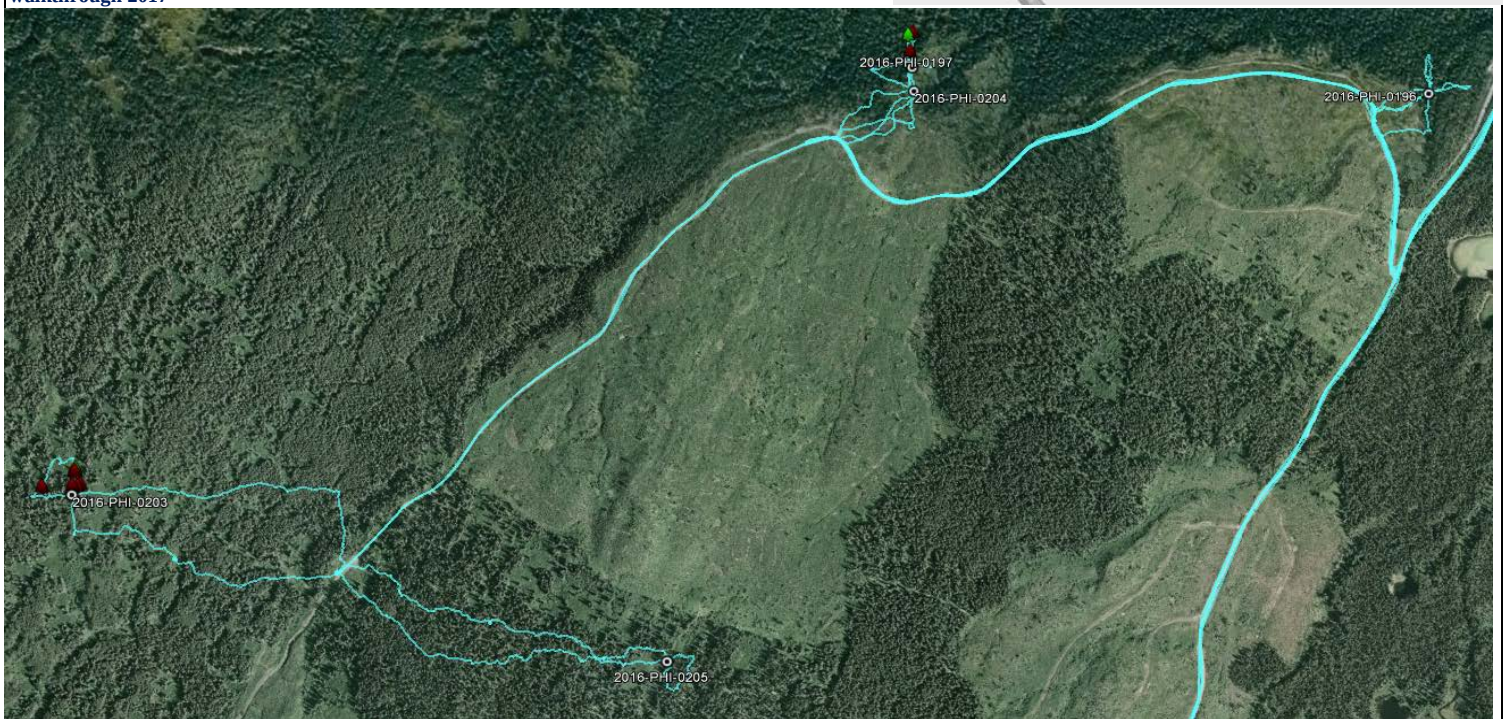




Summary			
2016-PHI-0197		350	

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	3.3	0.0	0.0	0.0	0.0	0.0	0.0	3.3
25.1-30.0	5.3	47.7	0.0	0.0	0.0	0.0	0.0	0.0	10.6
30.1-35.0	7.1	49.7	0.0	0.0	7.1	0.0	0.0	0.0	28.4
35.1-40.0	9.4	28.2	0.0	0.0	0.0	0.0	0.0	0.0	103.4
40.1-45.0	11.6	0	0.0	0.0	0.0	0.0	0.0	0.0	0
45.1-50.0	13.8	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0
50.1-55.0	16.2	32.4	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	18.7
60.1 +	25.3	50.6	0.0	0.0	0.0	0.0	0.0	0.0	0
TOTALS	232.8	225.7	0.0	0	7.1	0.0	0.0	0	164.4

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
	1.0- 1.9 MOD Attack Density		
	2.0 - 3.9 HIGH Attack Density		
	< 3.9 SEVERE Attack Density		
1.00			0.50
	</		

TABLE 2- Spruce Beetle Management Options after Walkthrough					
% 2016 ATTACK	0.0%	0.0	SANITATION AND SALVAGE HARVEST PRIORITY RATING		
% 2015 ATTACK	3.0%	##	LIGHT	0-599	119.2
% 2014 ATTACK	0.0%	##	MODERATE	600-999	
% HOST IN STAND	58.6%	##	HEAVY	1000+	
				RECOMMEND CRUISING/ LOGGING	

SUMMARY OF ALL CARDS FS1111	NUMBER OF CARDS	1
-----------------------------	-----------------	---

ACCESS -		From truck, walk 200-800m to access sites. All sites on edge of older cutblocks,, 203 open stand								
SITE FEATURES -		Minimal slopes in sites, accessed within 200-800m from spur road/ All sites edge of old cutblocks, except 0203 with open sparse stand. All sites wetter areas with patches of heavy alder.								
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	PL
17.5-25.0	3.3	1	0	0	0	0	0	0	1	0
25.1-30.0	5.3	9	0	0	0	0	0	0	2	0
30.1-35.0	7.1	7	0	0	1	0	0	0	4	0
35.1-40.0	9.4	3	0	0	0	0	0	0	11	0
40.1-45.0	11.6	0	0	0	0	0	0	0	0	0
45.1-50.0	13.8	1	0	0	0	0	0	0	0	0
50.1-55.0	16.2	2	0	0	0	0	0	0	0	0
55.1-60.0	18.7	0	0	0	0	0	0	0	1	0
60.1 +	25.3	2	0	0	0	0	0	0	0	0
TOTALS		25	0	0	1	0	0	0	19	0
BARK SAMPLES 15 cm x 15 cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE ADULTS	NO. CALLOW	FRESH (GREEN) BLOWDOWN				
						Attacked Yr _____		Yr _____ Unattacked		
2	2	0	1	0	0	0		0		0

SIZE, BOUNDARY AND PATTERN OF THE INFESTATION
Light scattered current attack in 0197, and 0203 in amongst older code 5 attack. No pattern, just isolated attacks in wetter areas.
INCIDENCE AND SEVERITY OF THE INFESTATION
Light scattered attack with low attack and larval densities and light priority rating.
RISK OF BEETLE SPREAD
Minimal, sparse stands on edges of cutblocks and open stands and while there is attack, difficult to predict which direction coming or going from. Seems to be lightly scattered around wet areas.
ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES
From truck, walk 200-800m to sites. Sites on edge of old cutblocks.. Minimal slopes, wet areas throughout with alder patches and some heavier blowdown areas.

OCT 31ST

MV, MA

350

Attack = One C4,
One C5

ACCESS - 230m @ 60°
from road.

OPEN
in
Alder



50 m

overzoom

Features - Heavy blowdown in the north.
Overlap with Site 357.
Alder mainly in last 20m of East line.



SPRUCE BEETLE PROBE CARD

LOCATION 350		PAGE OF	
BEARING 0 N		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								BL
25.1 - 30.0	5.3	1							
30.1 - 35.0	7.1	1							
35.1 - 40.0	9.4	0							
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		25							18

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN	
						Attacked	Unattacked
N	2	/	1	/	/		
S	2	/	/	/	/		

COMMENTS

BS - strip attack, fading crown

CREW NAMES	DATE
Marks Videgain / Megan Anstey	16 / 10 / 31