SENECA ENTERPRISES LTD.
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SPRUCE BARK BEETLE REPORT
FH17DPG218

STAR PROBE# **2016-PLEM-0004** 615

NUMBER OF CODE 1-4 ATTACK 2

PROBE LINE yes

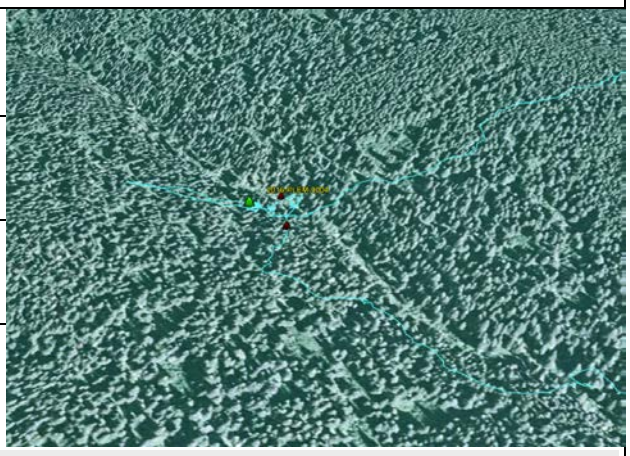
SUMMARY OF CURRENT INFESTATION

LIGHT ATTACK

Star probe had 1 code 3 attack and 2 code 5 attacked trees. Large creek running through site where attack found along the edge of. Large diameter spruce, sparse scattered attack in an open stand.,

ACCESS

From Highway 97, walk 1.0km at 270 degrees. (Alternatively could have accessed via ATV off powerlines)



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

Extreme slope, up and down to site and through creek. Larger DBH Spruce, open stand.

SIZE, BOUNDARY and PATTERN OF INFESTATION

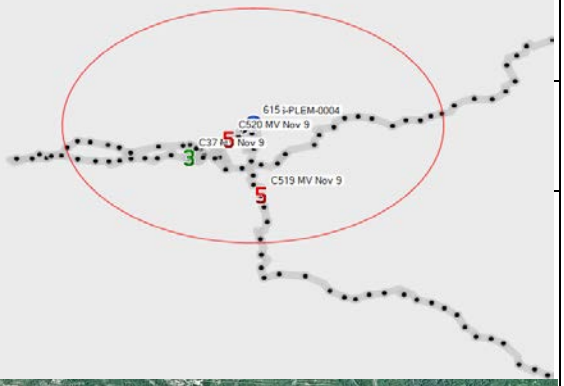
Single code 3 attack tree with couple of code 5 older attack along all along creek edge and isolated.

INCIDENCE AND SEVERITY OF ATTACK

Light isolated attack, some older ATTACK with moderate attack and larval densities.,

RISK OF BEETLE SPREAD and SURROUNDING SITES

Isolated attack, with lower risk of spread.



ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

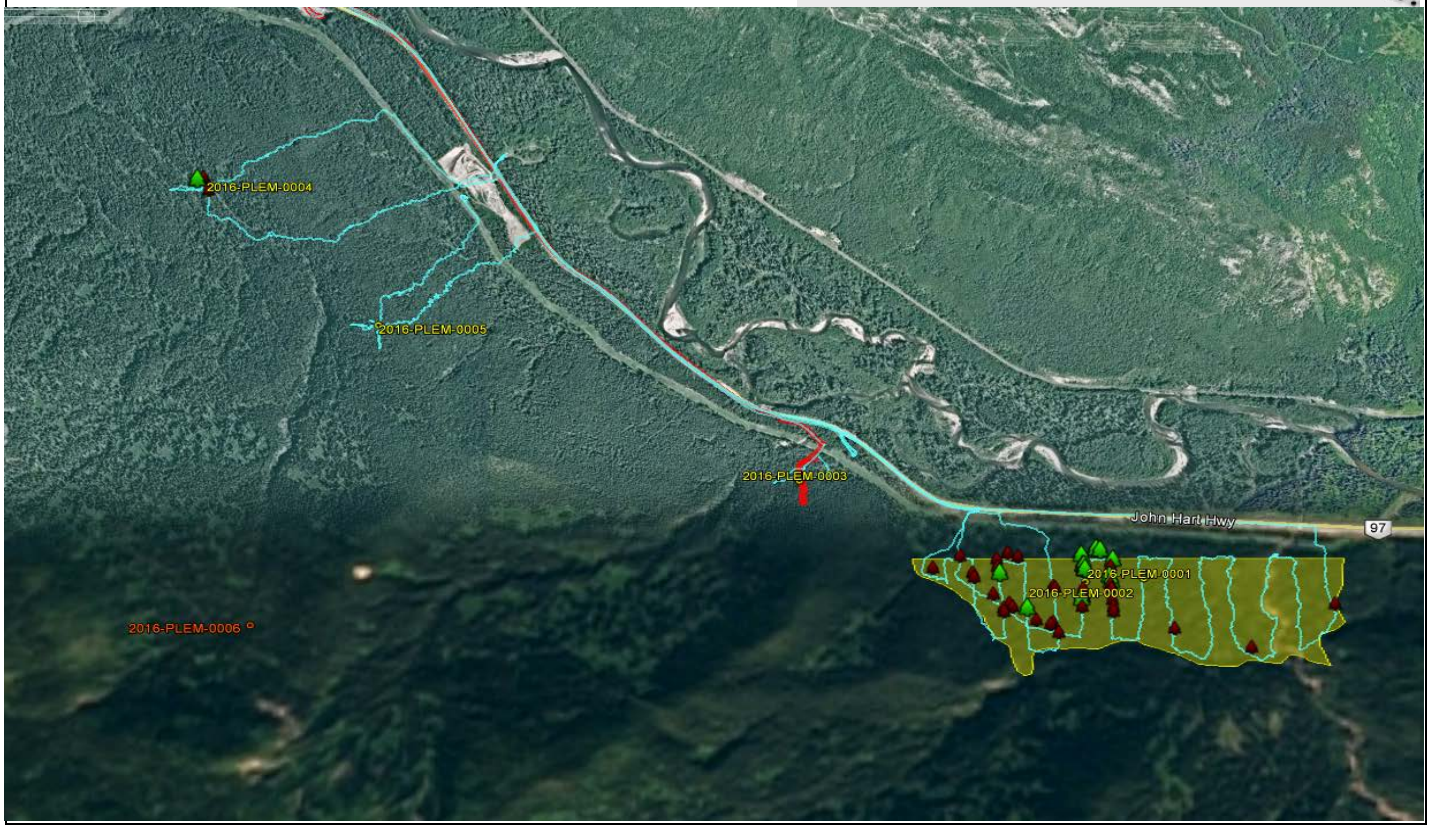
Steep, river runs through the middle of the site.

RECOMMENDATIONS

OPTION 1 **NO ACTION**

Light priority rating and minimal activity with just a couple isolated attacks.

OPTION 2 **MONITOR**



SPRUCE BEETL PROBE CARD

LOCATION		PAGE	OF
615			
BEARING	**DISTANCE**	**STRIP WIDTH**	
270 W	100m	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	••							•BL••
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		14			1		1		17

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN		
						Attacked		Unattacked
N	4		4	3	6			
S	4	1	10		4			

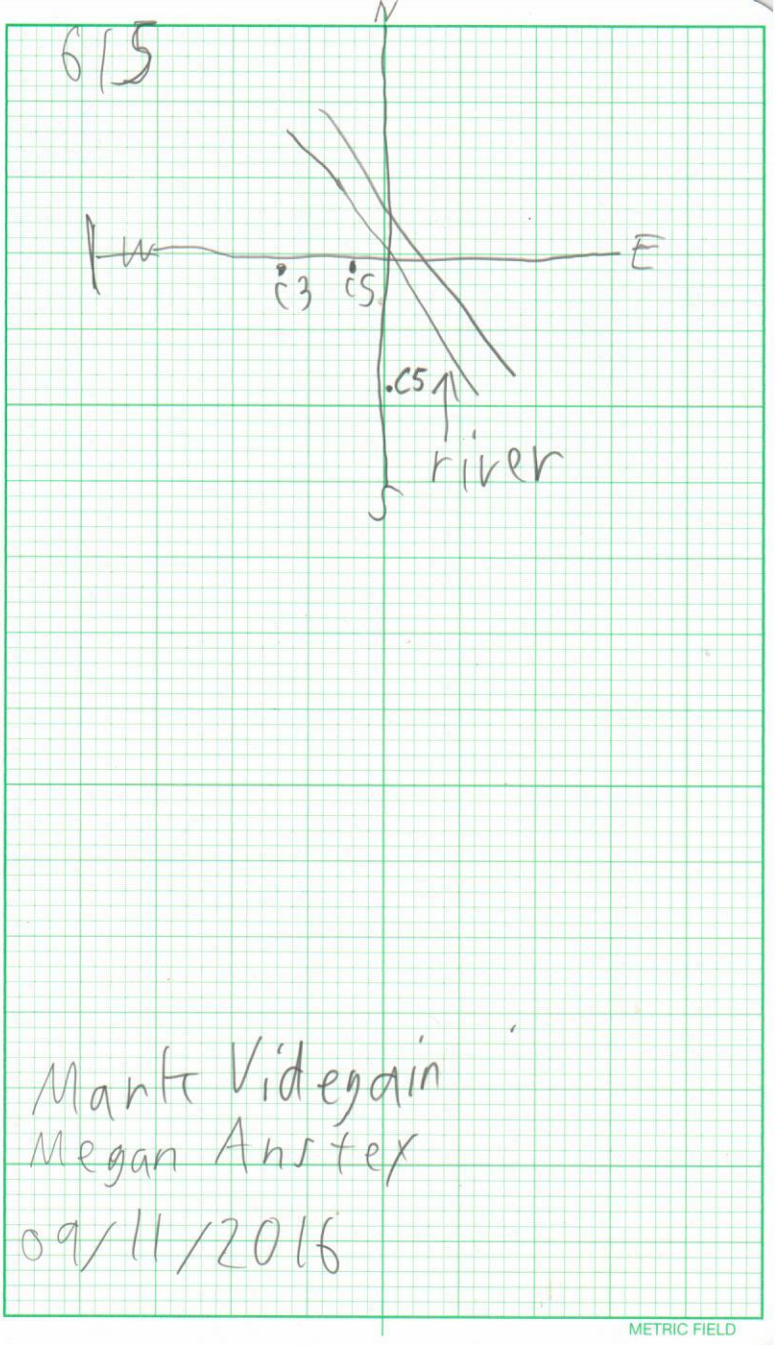
COMMENTS
(6) sample tree

CREW NAMES Mark Videgain
Megan Anstey

DATE Y 16 M 11 D 09

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

R.D. PENHALL LTD. MADE IN VANCOUVER, CANADA
DUKSBAK WATERPROOF



Mark Videgain
Megan Anstey
09/11/2016

METRIC FIELD