

**SENECA ENTERPRISES LTD.**

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**SPRUCE BARK BEETLE REPORT
FH17DPG218**STAR PROBE# **2016-TUDA-0001**

213

NUMBER OF CODE 1-4 ATTACK

2PROBE LINE **yes****SUMMARY OF CURRENT INFESTATION****LIGHT ATTACK**

Star probe had 2 code 1's and 4 code 5's. 2. One probe line with MODERATE priority rating, with low larval density and moderate attack. Site has regen to the west and active logging in the north portion of site. To the south older plantation, small pocket with minimal risk of spread.

ACCESS

From truck walk 200 meters north

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

Logging in the north, plantation to the south, regen to the west.

SIZE, BOUNDARY and PATTERN OF INFESTATION

2 isolated code 1 attacked trees in site, mixed with some older attack Code 5 Trees.

INCIDENCE AND SEVERITY OF ATTACK

Light isolated attack, some older ATTACK with low to moderate attack and larval densities. Harvesting area to the north of site, spillover.

RISK OF BEETLE SPREAD and SURROUNDING SITES

Isolated attack, with lower risk of spread as there is active logging to the north, and plantation to the south

ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

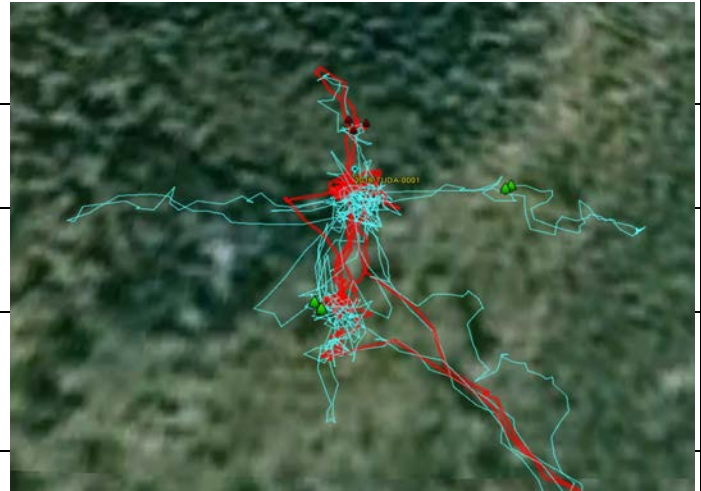
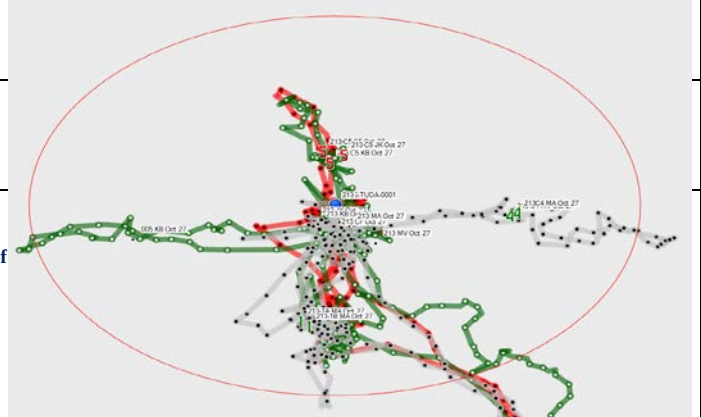
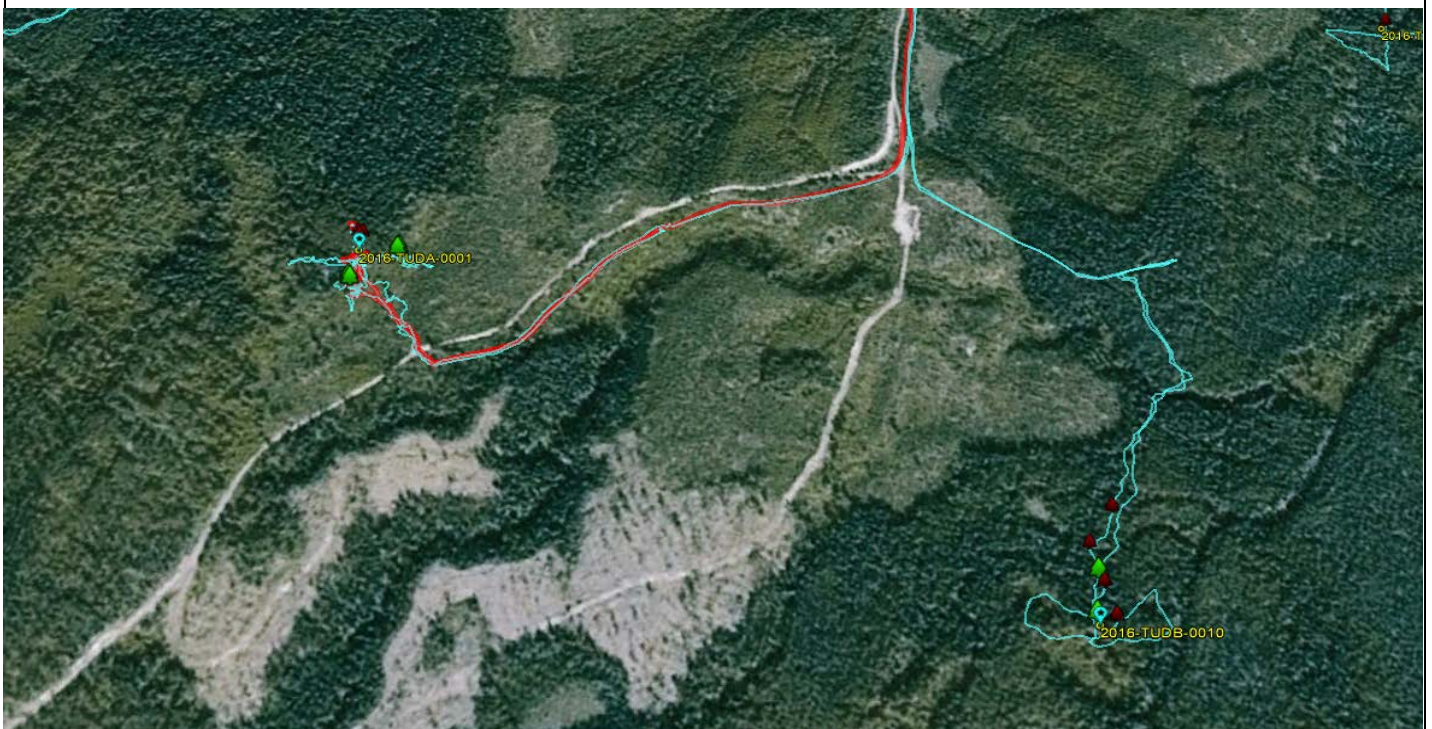
Logging right beside site

RECOMMENDATIONS**OPTION 1****NO ACTION**

Moderate priority rating but remains as a pocket with recent harvesting to the north of site, and old plantations/regen in other directions.

OPTION 2**MONITOR**

Monitor, expect minimal or no movement as logged out around little pocket



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DUKSBK WATERPROOF



SPRUCE BEETLE PROBE CARD

LOCATION 213		PAGE OF	
BEARING 180 S		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	•••••								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		24	2							14

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN	
						Attacked	Unattacked
ON	2	/	1	/	/	/	/
S	3	/	/	/	/	/	/

COMMENTS

Sample tree

CREW NAMES	DATE
Khody, Cecelia, Mark, Megan	Y M D 16 10 27