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# SPRUCE BARK BEETLE REPORT
# FH17DPG218

STAR PROBE# **2016-BLA-0188** 72

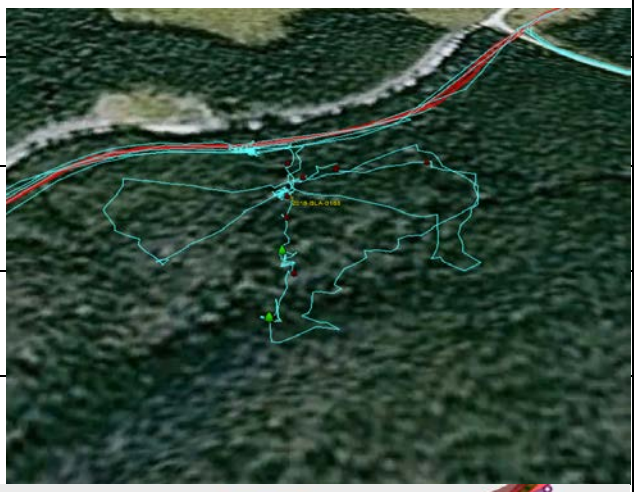
NUMBER OF CODE 1-4 ATTACK 0

PROBE LINE YES

**SUMMARY OF CURRENT INFESTATION**

**LIGHT ATTACK**

Star Probe had 2 code 1 attack, 12 Code 5 attacked trees.



**ACCESS**

Site is right off of roadside

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

Great access, rolling hills in site with 70% Spruce, 30% Balsam

**SIZE, BOUNDARY and PATTERN OF INFESTATION**

Code 1 attacked trees (2) confined to drainage within site, lots of scattered Code 5 attacked trees to the north and east within site

**INCIDENCE AND SEVERITY OF ATTACK**

Probe line had one attacked tree, low attack density and low harvest priority rating

**RISK OF BEETLE SPREAD and SURROUNDING SITES**

Minimal, could spread within little mini area within site, low levels of spruce outside with cutblocks on each side. With access to main road, could easily develop trap trees or baits.

**ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES**

Very good, where code 1 attack is located, in a drainage.

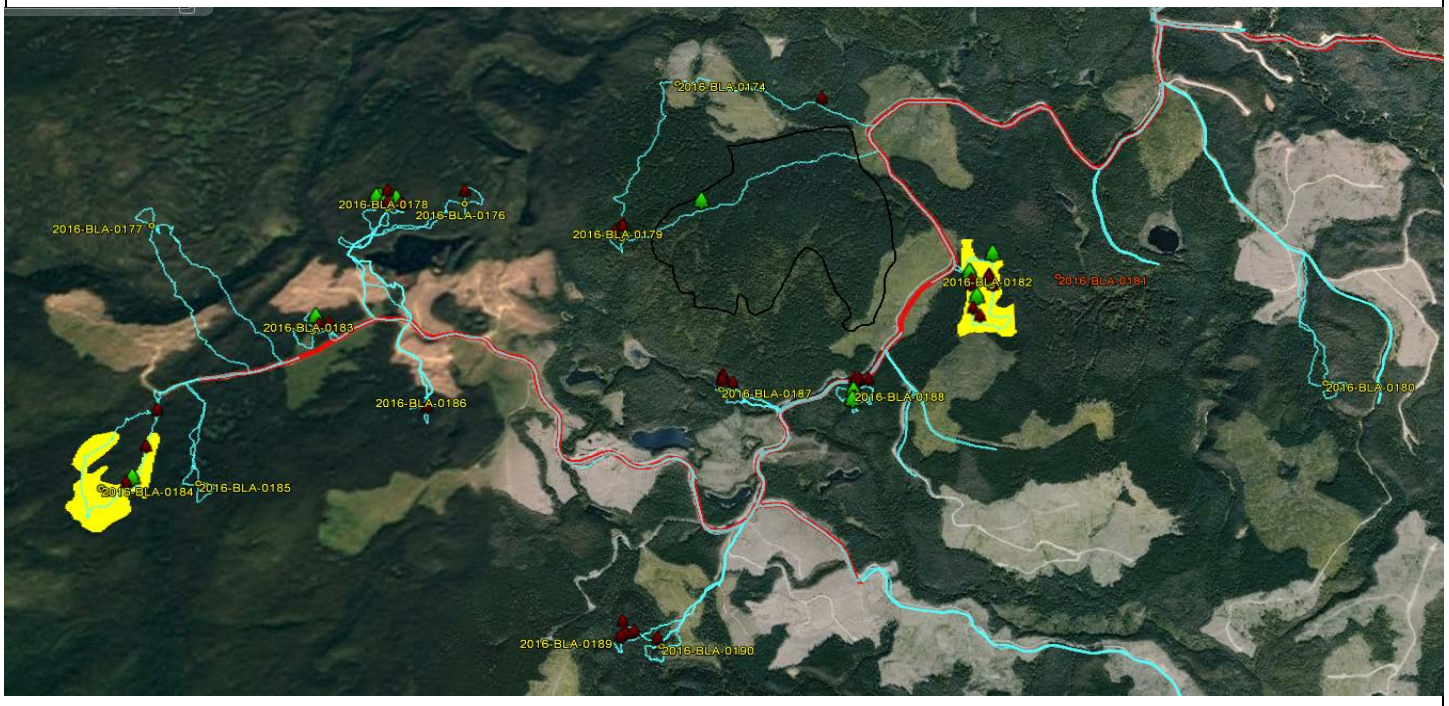
**RECOMMENDATIONS**

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

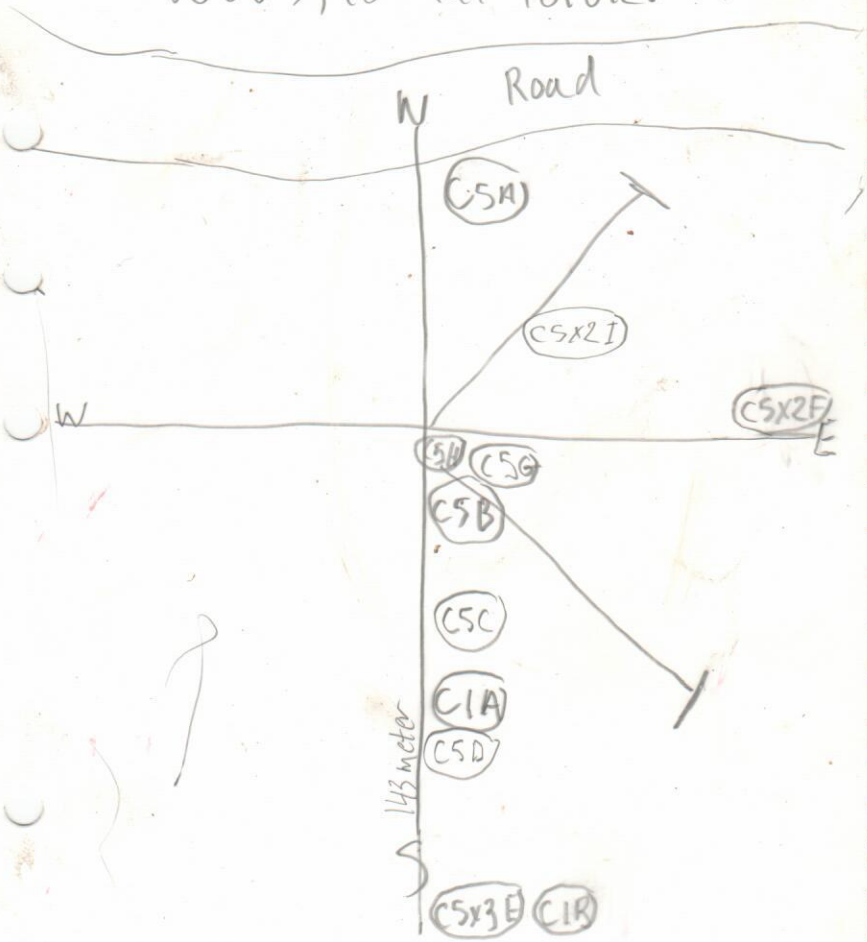
**2 Code 1 attack found with 12 Code 5 attack trees. Light intensity within site, extended lines to track beetle to 200m. Attack may follow drainage, but no real risk**

**OPTION 2** **TRAP TREES, BAITS**

**As access very good, could establish trail on line walked to creek to capture any further attack.**



Nov 5, 16 Pat Poivier




Site #73 0478182 6126763

* Could only run north line to 67 meter Main line road
* 70% spruce in site Heavy Code 5 Hit
* Pushed South line to 143 m

**SPRUCE BEETLE PROBE CARD**

| ATION | | PAGE | OF |
|---|---|---|---|
| #73 | 0478182 6126693 | 2 | 2 |
| RING | DISTANCE | STRIP WIDTH | |
| 180° | 106 m | 10 m | |

| METER CLASS | SURFACE AREA FACTOR | NUMBER OF HEALTHY HOSTS | BARK BEETLE CODE BY YEAR OF ATTACK 1 | 2 | 3 | 4 | 5 | 6 | OTHER TREE SPECIES |
|---|---|---|---|---|---|---|---|---|---|
| - 25.0 | 3.3 | | | | | | | | |
| - 30.0 | 5.3 | | | | | | | | |
| - 35.0 | 7.1 | | | | | | | | |
| - 40.0 | 9.4 | | | | | | | | |
| - 45.0 | 11.6 | | | | | | | | |
| - 50.0 | 13.8 | | | | | | | | |
| - 55.0 | 16.2 | | | | | | | | |
| - 60.0 | 18.7 | | | | | | | | |
| .1 + | 25.3 | | | | | | | | |
| TOTALS | | | | | | | | | |

| SAMPLES m x 15cm | NO. ENTRANCE HOLES | NO. PARENT ADULTS | NO. LARVAE | NO. PUPAE | NO. CALLOW ADULTS | FRESH (GREEN) BLOWDOWN Attacked | | Unattacked |
|---|---|---|---|---|---|---|---|---|
| 2A | 2 | / | 1 | / | / | / | / | / |
| 2B | 1 | / | 0 | / | / | / | / | / |

MENTS

W NAMES: Pat Poivier

DATE Y M D: 16 11 05

11 RPG 2000/01 7530881048 (100/bdl)