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SPRUCE BARK BEETLE REPORT
FH17DPG218

STAR PROBE# **2016-PHI-0173** 282

NUMBER OF CODE 1-4 ATTACK 0

PROBE LINE NO

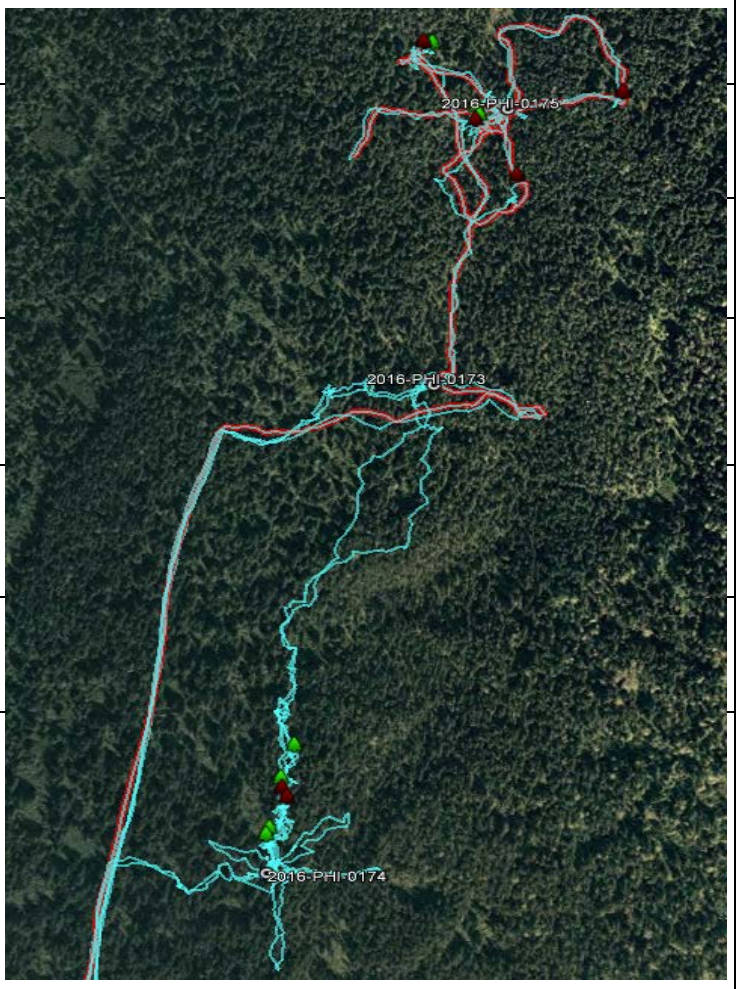
SUMMARY OF CURRENT INFESTATION

NO ATTACK

Grouping of sites PHI-0173, 0174, and 0175. All sites just east of road, with recent logging activity in the area. Site 0175 is just to the east of a freshly logged cutblock and had 4 code 1 attacked trees and 8 older Code 5 attacked trees. Moderate attack, thick stand but low sanitation rating from 1 probe line. Site 0174 also has moderate attack with 2 Code 1 and 2 Code 3 attacked trees and falls within Fresh BCTS block boundary flag. Both sites have good access, close to new road. Site 0173 had no signs of attack.

ACCESS

From truck, walk 100m- 300m to sites. Fresh logged block beside 175 and 174 is within BCTS block boundary flag.



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

Site 0173 where no attack, has steep slopes heading west into Plot Centre. Site 0174 and 0175 have steep slopes 25% running down to plot centre, 0175 plot centre is flat swampy ground.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Moderate attack on edge of Fresh or planned cutblocks. Isolated attacks for the most part within Star probes. 0173 has no signs of attack.

INCIDENCE AND SEVERITY OF ATTACK

Moderate attack on edge of Fresh or planned cutblocks. Isolated attacks for the most part within Star probes with higher attack densities and low larval densities. Represented by 2 probe lines with light sanitation rating as fairly dense stands.

RISK OF BEETLE SPREAD and SURROUNDING SITES

Higher attacks densities in 0174 and 0175 but dense stands with fairly isolated attack and low larval densites.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

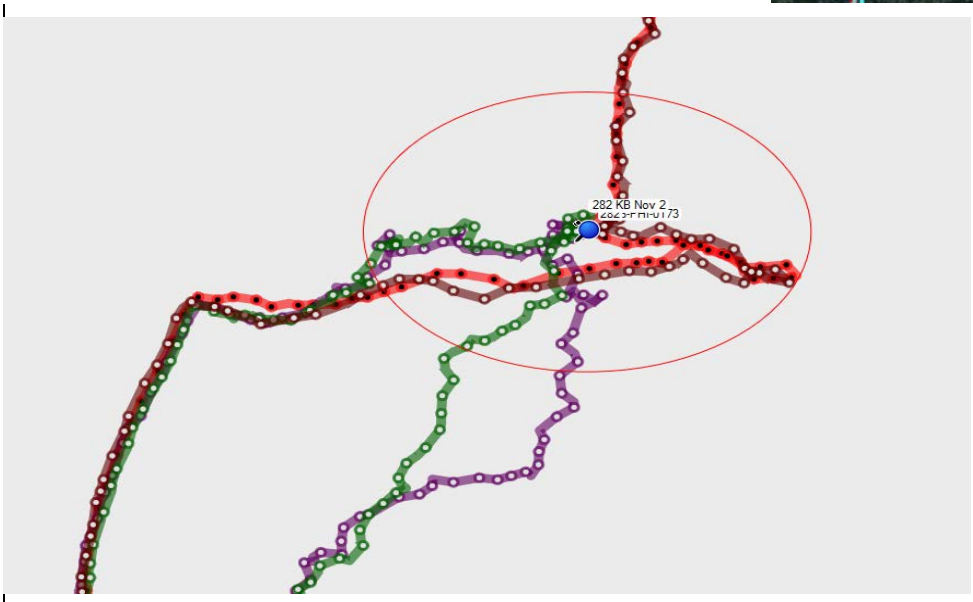
From truck, walk 100m to sites 0171-0172 beside cutblock. Sites 0166, 0167 and 0168 walk south 900m to 1.6km, flat with slopes 0-10%. A few small drainages to cross with access.

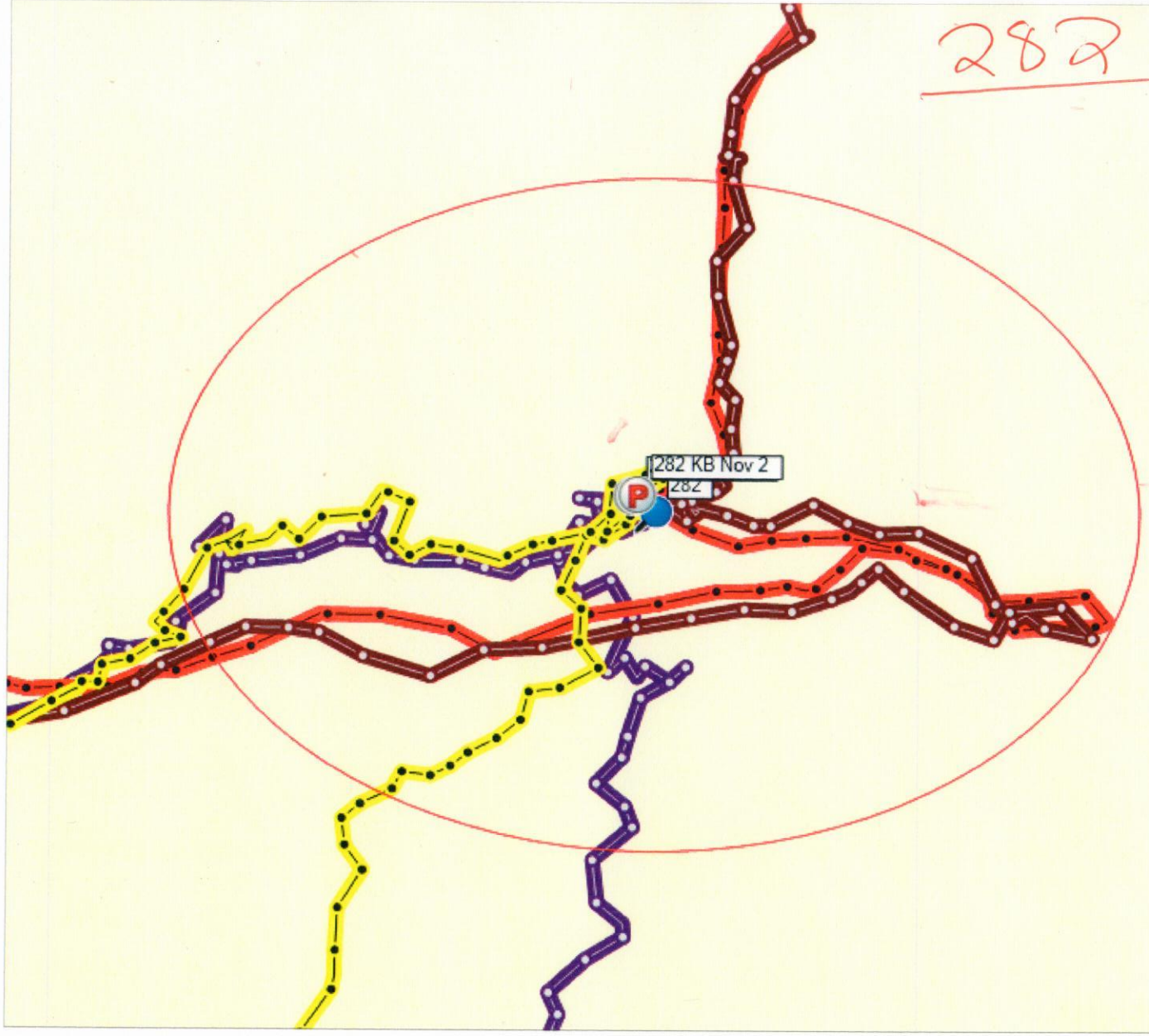
RECOMMENDATIONS

OPTION 1 **CRUISE/ HARVEST**

Both 0174 and 0175 have moderate attack but low mean larval densities. Also, fairly dense stands with a low priority rating. Site 0175 is adjacent to recent cutblock and has Code 1 attack and site 0174 is within a BCTS Block Boundary which assume is to be logged. Site 0175 atack appears to be on 2 year life cycle, so good wait and monitor/ reassess again next year.

OPTION 2 **MONITOR**





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Nov 2nd

KB, CF

Attack - no signs of attack

Features - steep slope heading west into P.C.

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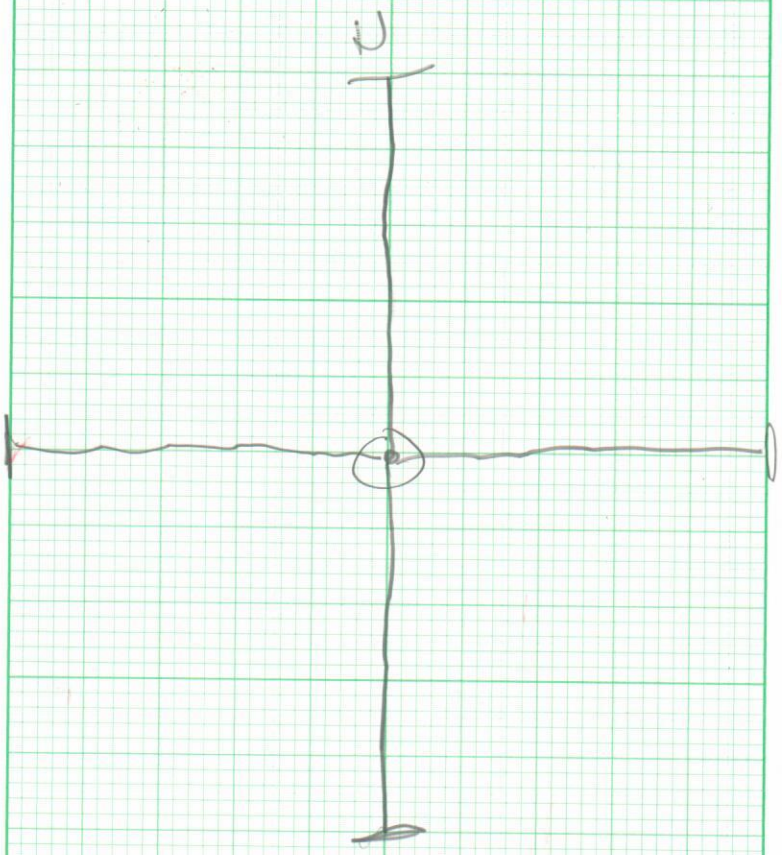

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