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SPRUCE BARK BEETLE REPORT FH17DPG218

STAR PROBE# **2016-PHI-0167** 276

NUMBER OF CODE 1-4 ATTACK 0

PROBE LINE NO

SUMMARY OF CURRENT INFESTATION

LIGHT ATTACK

Grouping of sites PHI-0166, 0167, 0168, 0171 and 0172. All sites south of road, sites 0171 and 0172 edge of cutblock just off mainline with one strip attack code 2 in site 0172 Site 0171 had some unsuccessful attack (Pitchouts). Further southwest, Site 0166 (1 Code 3 Attack) Site 0168 (2 Code 3, 3 Code 5 older Attack). These sites also with light scattered attack, no real risk of spread with light sanitation ratings. (<200)

ACCESS

From truck, walk 100m to sites 0171-0172 beside cutblock. Sites 0166, 0167 and 0168 walk south 900m to 1.6km.

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

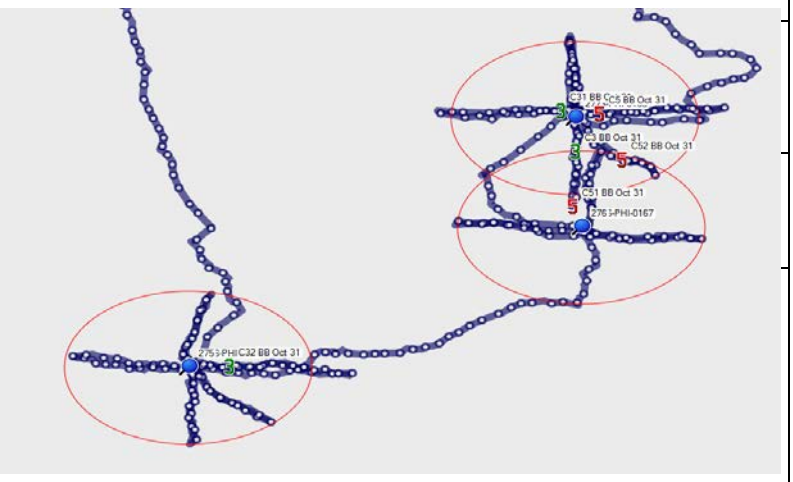
Sites 0171 and 0172 adjacent to cutblock. Flat sites, 70% Spruce, 30% Balsam. Sites 166,167 and 168 are Balsam, Pine Spruce stands, with Spruce 30% of stand. Open stands, flat 0-10% slopes.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Light scattered attack in and around all sites. Sites 0171, 0172 had one strip attack, and some pitchouts. Sites 0166,0167,0168 has 3 code 3 attack (Flight 2017) and 3 code 5 old attack.

INCIDENCE AND SEVERITY OF ATTACK

Light scattered attack in and around all sites. Sites 0171, 0172 had one strip attack, and some pitchouts. Sites 0166,0167,0168 has 3 code 3 attack (Flight 2017) and 3 code 5 old attack. Low incidence and severity with light priority rating from 3 probe lines.



RISK OF BEETLE SPREAD and SURROUNDING SITES

Light sanitation priority rating and attackdenisties in all sites. Low rate of spread within area as to the south, minimal spruce components

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 **NO ACTION**

Light scattered with very low ratings. Low spruce component so attack will be concentrated if flight to a few trees. Poor access with light priority rating. Could fall and burn single trees if time permits as will be flight in 2017 represntde by callow adults. But lower attack densities. Monitor area, walkthrough 2017

OPTION 1 **MONITOR**

276 Oct 31st

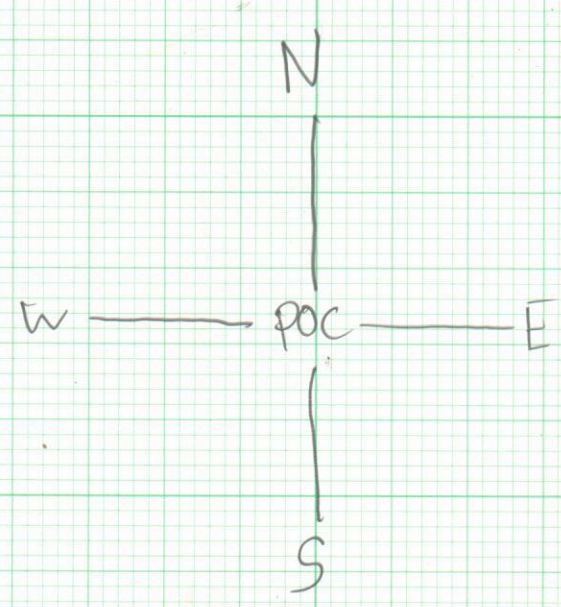
BB

Attack - No signs

Features - Overlap with site 277, which has attack in it.

276

55 10 991
123 22 265



70% balsam
30% spruce
heavy Alder patches

Blake B, Oct 31/16

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