

**SENECA ENTERPRISES LTD.**

PO BOX 1902, PRINCE GEORGE, BC, V2L 5E3
Phone: (250) 561-0890, Fax: (250) 564-3275

**SPRUCE BARK BEETLE REPORT
FH17DPG218**STAR PROBE# **2016-PHI-0193****346**

NUMBER OF CODE 1-4 ATTACK

0PROBE LINE **NO****SUMMARY OF CURRENT INFESTATION****NO CURRENT ATTACK**

Grouping of sites PHI-0190, 0191, 0192, 0193 and 0195 along with Polygon 0194. All sites north of road, Polygon 0194 edge of cutblock just off mainline with very light attack. Sites 0191, 0192 and 0195 had single attack around sites mixed with areas of older attack. All sites light sanitation priority ratings and are in areas with lower spruce volumes and areas leading in Balsam. Heavier Blowdown in 0190 and 192 and wetter ground with thick alder patches 0191, 0193 and 0194. No action required.

ACCESS

From truck, walk 800-2.5km North to sites. Polygon 0194 800m, 0190 2.5km.

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

Minimal slopes throughout sites, heavy Blowdown sites 0190 and 0192, wet with heavy alder patches sites 0191, 0193 and 0194. Low volumes of spruce, all sites leading in Balsam.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Light scattered current attack in 0191, 0192, 0194 and 0195 in amongst older code 5 attack. No pattern, just isolated attacks in wetter areas.

INCIDENCE AND SEVERITY OF ATTACK

Light scattered attack with low attack and larval densities and light priority rating.

RISK OF BEETLE SPREAD and SURROUNDING SITES

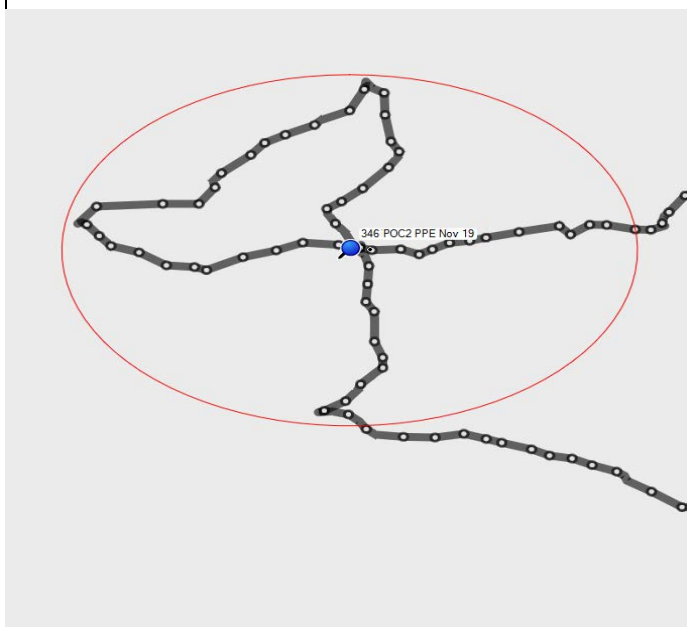
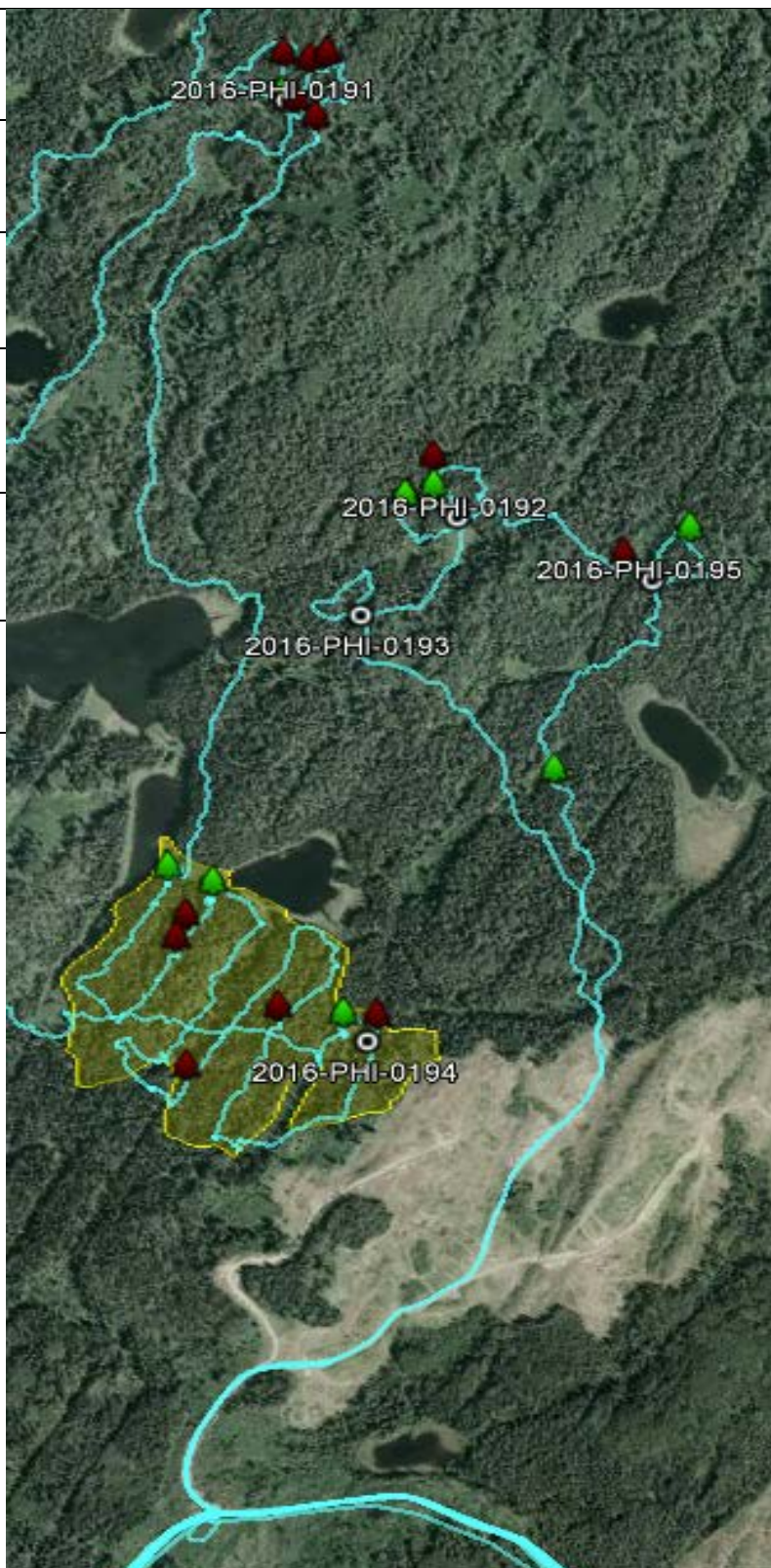
Minimal, leading in Balsam and while there is attack, difficult to predict which direction coming or going from. Seems to be lightly scattered around wet areas.

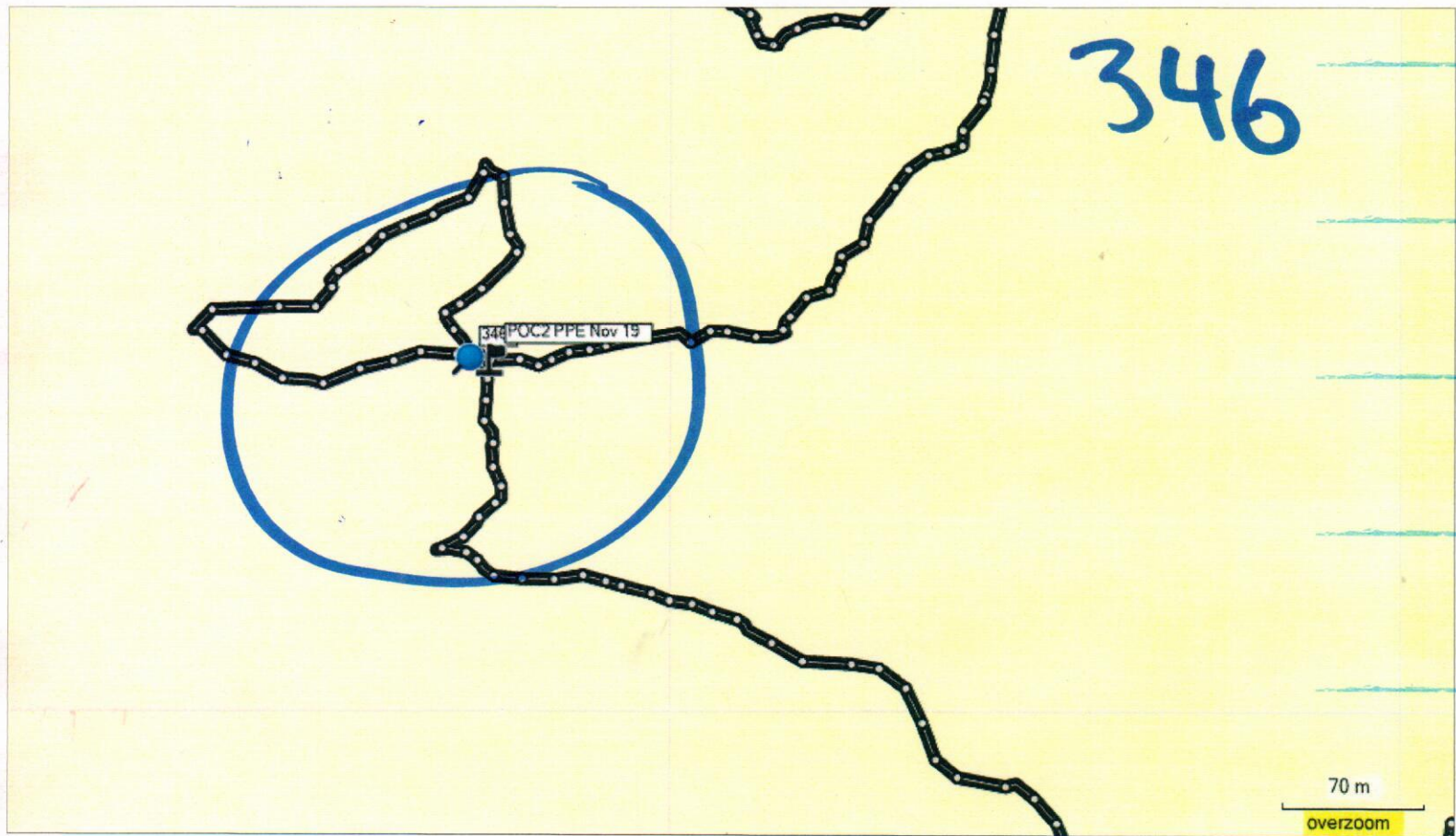
ACCESS, OPERABILITY and INTEGRATED RESOURCE MGMT ISSUES

From truck, walk 800-2.5km North to sites. Polygon 0194 800m on edge of an old cutblock, site 0190 2.5km walk in north. Minimal slopes, wet areas throughout with alder patches and some heavier blowdown areas.

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, but lower attack densities. Monitor area, walkthrough 2017

OPTION 1 MONITOR



Attack - No signs

Access - From truck, walk 450 m @ 333°

Features - wet ground.
- some blowdown
- 60% BI
- 40% Sk

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