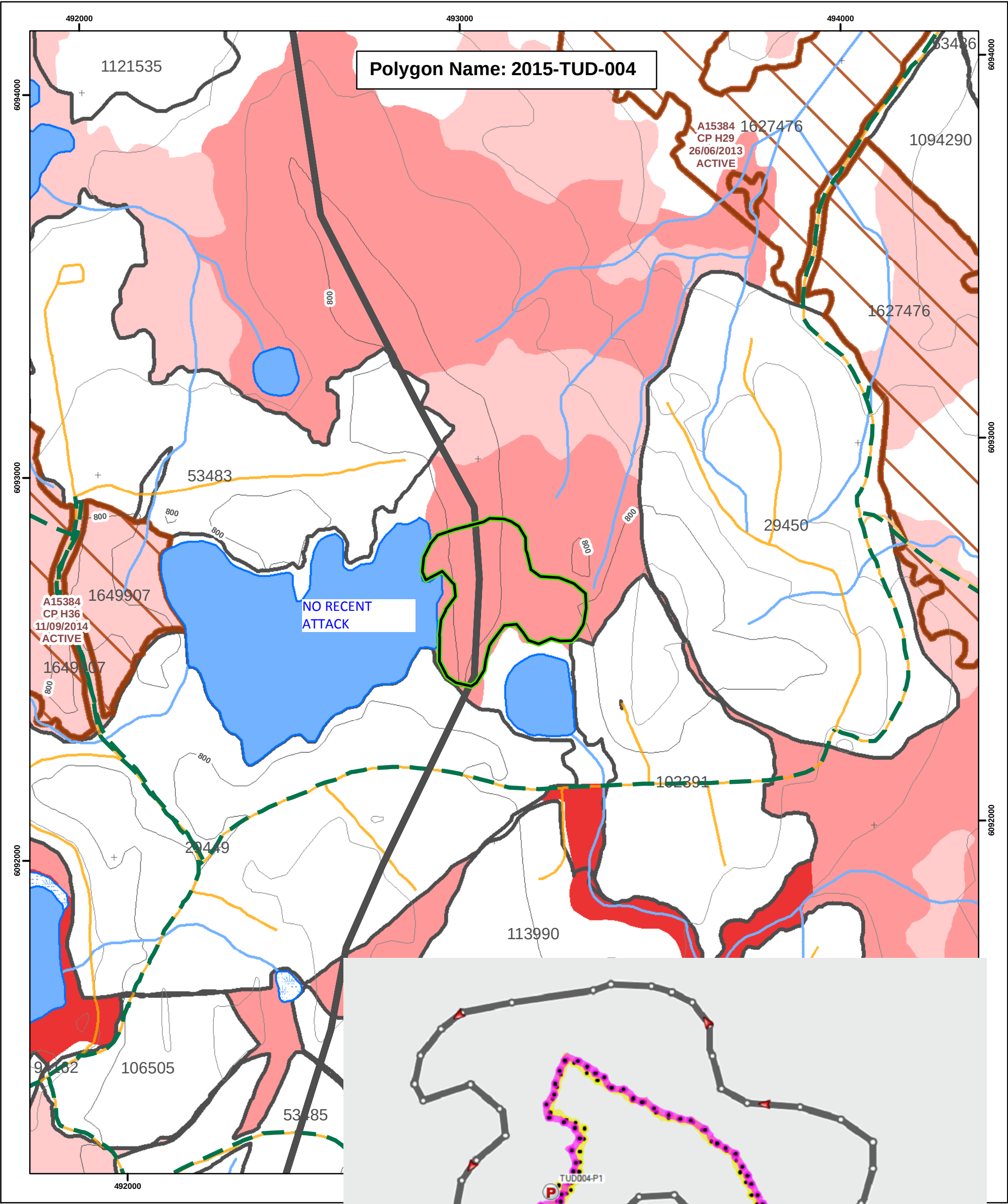
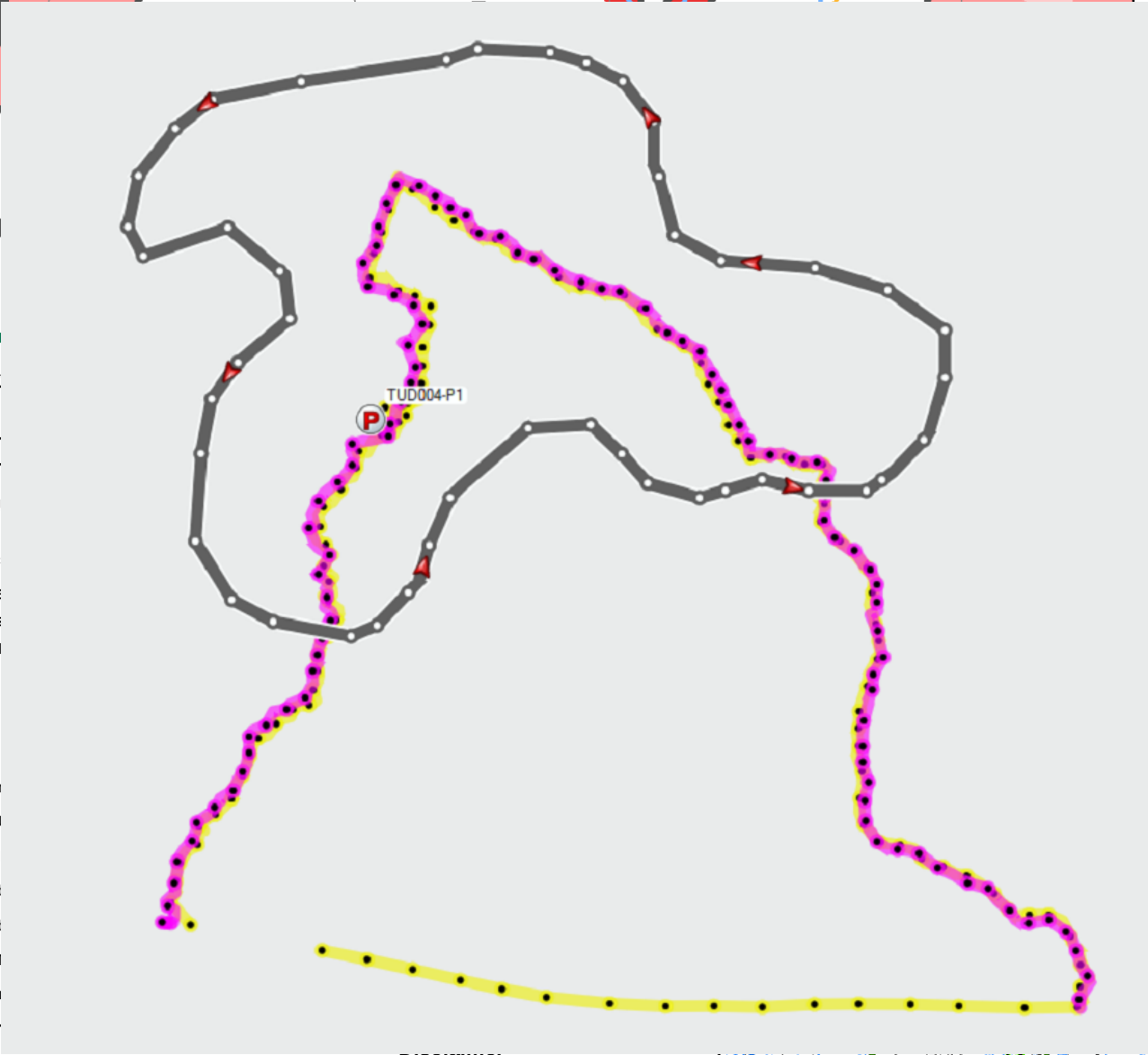






Ministry of
Forests, Lands and
Natural Resource Operations

Spruce Bark Beetle Field Map

Polygon Name: 2015-TUD-004

Landscape Unit/BMU: Tudyah
Region: Omineca
District: Mackenzie
Mapsheet: 093J14
Hectares: 10.37
Scale: 1:10,000
When plotted on 11x17
Coordinate System: PCS Albers
Datum: North American 1983
Date Drawn: 03/06/2015
Drawn By: msnively

Map Features

- Susceptible Area
- 2013 SBH Hazard Class
 - Low/Intermediate
 - Medium
 - High
 - Very High
- Cutline
- Reserve
- Land
- Roading
- Roading
- Km Line
- Com



0 0.1 0.2 0.4 Kilometers

The accuracy and completeness of the information on this map is not guaranteed.



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**SPRUCE BARK BEETLE REPORT
FH16DMK010**

POLYGON: 2015-TUD-004

HECTARES:

10.37

WALKTHROUGH DISTANCE:

700

ESTIMATED INFESTED PIXELS FROM

WALKTHROUGH (Code 1-4)

0 0.0%

SUMMARY OF CURRENT INFESTATION

Walkthrough found no signs of current attack. One recent unsuccessful attack was pitched out. Polygon has heavy blowdown in south portions near lake and found one tree with older attack. No successful recent attack found.

NO RECENT ATTACK**ACCESS**

From Truck, walk 300m through old plantation

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

Some areas of heavy blowdown upon entrance to polygon. Stand varied, areas of Heavy Balsam, average 70% Spruce, 30% Balsam. Some very large DBH Spruce in middle of polygon.

SIZE, BOUNDARY and PATTERN OF INFESTATION

No recent attack, some very light scattered old attack (1 Code 5). One tree with pitchout, no live brood found.

INCIDENCE AND SEVERITY OF ATTACK

Minimal. Found one pitchout tree, one old attacked tree

RISK OF BEETLE SPREAD

Polygon surrounded by Lake and old cutblock. Within stand it has open canopy areas and there was one pitchout unsuccessful attack. Minimal rate of spread.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

Accessed from the south walking through old plantation, minimal slopes.

RECOMMENDATIONS**OPTION 1****MONITOR**

Was an unsuccessful attack found, but no recent successful attack, There is lightly scattered older attack and could have some areas that have some beetles and may want to schedule another walkthrough 2016 as good access.

OPTION 2**NO ACTION**

No recent attack, no action required.

2015-TUD-004

SPRUCE BEETLE WALKTHROUGH

Legend

-  NO CURRENT ATTACK
-  PROBE

TUD004-P1

Google earth

Image © 2015 Province of British Columbia

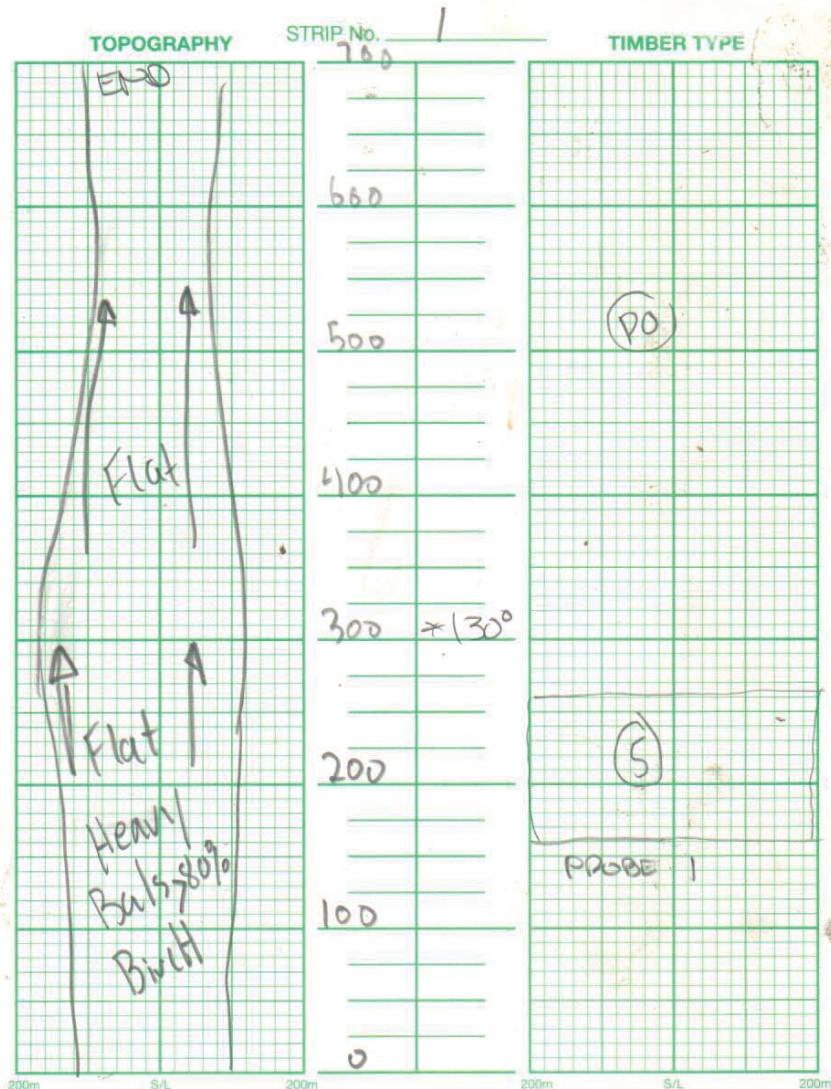


500 m

Accessed from the south walking through old plantation, minimal slopes.

SPRUCE BEETLE PROBE CARD

LOCATION TAD-004		0492967 6092568		PAGE 1 OF 1						
BEARING 012°		DISTANCE 100 m		STRIP WIDTH 10 m						
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									
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		6								20
BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN				
						Attacked	Unattacked			
1A	/	/	/	/	/					
1B	/	/	/	/	/					
COMMENTS Heavy Bals. area										
CREW NAMES Pat Poirier						DATE Y M D 15 11 10				



STRIP NO.: 1 DIRECTION: 170 - 130°

START STRIP: 0-700

JOB NO.: T411-004 DATE: Nov 10

CREW: James / PAT

REMARKS:



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