Spruce Bark Beetle Report 2015 Fall

2015-PAR-022

ADMINISTRATION

Polygon: PAR022 **Hectares**: 10.53 **Exact Location**: approx.. 73km on the Parsnip West FSR

Walkthrough: 560m **Number of Probe Pixels**: 1 **Date**: 2015.10.12 **Crew**: P. Milanovich

STAND INFORMATION

Site Description: (topography, terrain, timber types, stand age, influences)

The stand is located near Weston Creek on the Parsnip West FSR. The terrain slopes up from the road giving it a SW aspect ranging between 15-30%. The NW end of the polygon is generally large standing dead pine from the pine beetle attack, which is now regenerating with spruce and balsam fir. The southern portion of the polygon is largely balsam fir and birch with very little spruce to be found. There is a polygon to the northwest that is scheduled for harvest.

Stand Susceptibility: Low **Access**: 2WD, walk

Other Considerations or Limiting Factors: no known limitations influencing this site.

SUMMARY OF CURRENT INFESTATION:

No live populations were noted during survey. There are older spruce beetle attack in the area.

Volume Healthy	***Volume Year One Attack***	***Volume Year Two Attack***		***Volume Old Attack***	
74.2	0	0		35.6	
Bark Sample Data	***Entrance Holes***	***Adults***	***Larvae***	***Pupae***	***Young Adults***
(combined)	0	0	0	0	0

BRITISH COLUMBIA — BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
PAR 022 0458695 - 6186863	877m		1	1

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
36°	SL1	10m	100m	[X] SB [ ] MPB [ ] DFB

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK 1	2	3	4	5	6	OTHER TREE SPECIES MAIN: Balsam	OTHER: Bw
12.5 - 17.4	2.0									
17.5 - 25.0	3.3	1							•	•
25.1 - 30.0	5.3	2					•			
30.1 - 35.0	7.1	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	1								
55.1 - 60.0	18.7									
60.1 -	25.3									
TOTALS										

BARK SAMPLES 15cm x 15cm	NO ENTRANCE HOLES	NO PARENT ADULTS	NO LARVAE	NO PUPAE	NO CALLOW ADULTS	FRESH (GREEN) BLOWDOWN Attacked	Unattacked
N/A	(No green Attack to sample)						

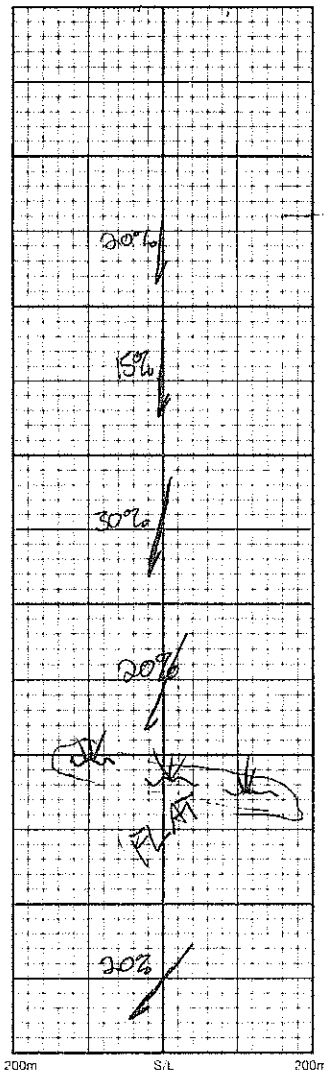
COMMENTS
Majority of stand Dead Pl/Sx w immature Balsam and spruce Growing in

CREW NAMES	DATE Y	M	D
PM	2015	10	12

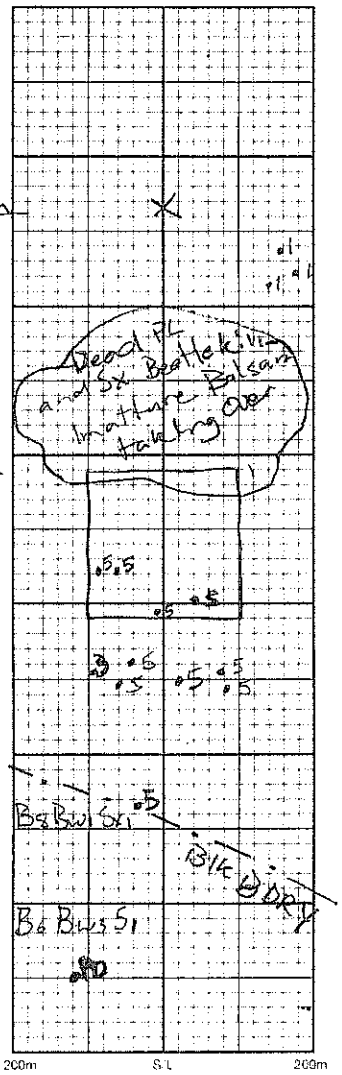
FS 1111A RPG 09/02 7530881049 (100/bdl)

STRIP No. SL1

TOPOGRAPHY



TIMBER TYPE



STRIP NO.: SL1 DIRECTION: 36°
START STRIP: 0458530 - 6186624
JOB NO.: PAR 022 DATE: Oct 12/2015
CREW: PM
REMARKS:

www.irlsupplies.com
Ph: 1-800-663-6843

Spruce Bark Beetle Report 2015 Fall

2015-PAR-023

ADMINISTRATION

Polygon: PAR023 **Hectares**: 16.7 **Exact Location**: approx. 73km on the Parsnip West FSR

Walkthrough: 870m **Number of Probe Pixels**: 1 **Date**: 2015.10.12 **Crew**: P. Milanovich

STAND INFORMATION

Site Description: (topography, terrain, timber types, stand age, influences)

This polygon is surrounded by mature standing timber on all sides with the exception of the NW side which is bounded by a harvested unit. This site enjoys a west aspect of up to 30% with several S6 streams flowing through from the east to the west. Stand is comprised of, generally, large spruce and dead pine with a healthy understorey of spruce balsam fir and pine.

Stand Susceptibility: Moderate **Access**: 2WD, walk

Other Considerations or Limiting Factors: access through old harvested units already exists to the site.

SUMMARY OF CURRENT INFESTATION:

There is current attack in this polygon on a two year cycle. There is also attack outside the polygon towards the Parsnip West FSR. There is substantial spread concern in this area.

Volume Healthy	***Volume Year One Attack***	***Volume Year Two Attack***		***Volume Old Attack***	
97.9	0	0		16.5	
Bark Sample Data	***Entrance Holes***	***Adults***	***Larvae***	***Pupae***	***Young Adults***
(combined)	0	0	0	0	0

BRITISH COLUMBIA — BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
PAR 023 0458695 - 6186863	877m		1	1

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
339°	SL1	10m	100m	[X] SB [ ] MPB [ ] DFB

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK 1	2	3	4	5	6	OTHER TREE SPECIES MAIN	OTHER
									Balsam	Pine
12.5 - 17.4	2.0									
17.5 - 25.0	3.3	[illegible]							[illegible]	[illegible]
25.1 - 30.0	5.3	[illegible]							[illegible]	
30.1 - 35.0	7.1	[illegible]					[illegible]			
35.1 - 40.0	9.4	[illegible]					[illegible]			
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										

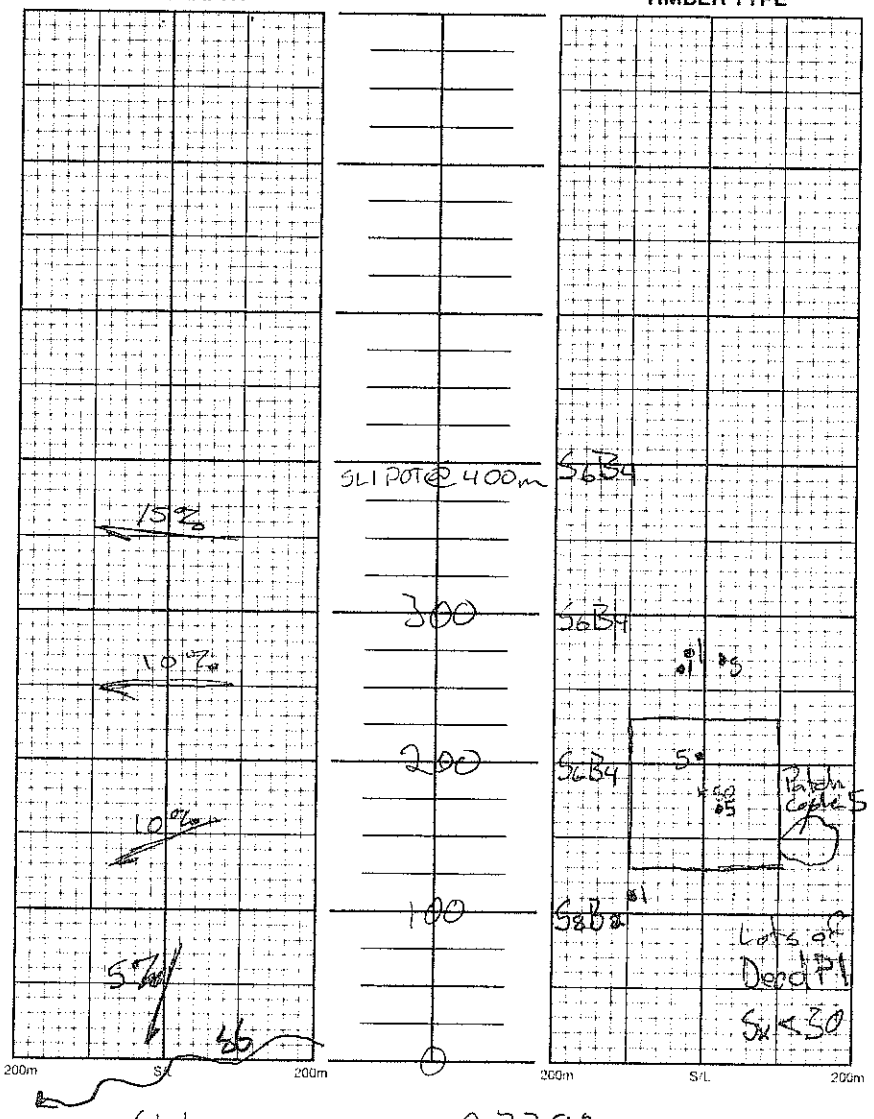
BARK SAMPLES 15cm x 15cm	NO ENTRANCE HOLES	NO PARENT ADULTS	NO LARVAE	NO PUPAE	NO CALLOW ADULTS	FRESH (GREEN) BLOWDOWN Attacked	Unattacked
N/A	(No green Attack to Sample.)						

COMMENTS
Found 2 code 1's Just N of Pixel. More Found on SL2. Also Found Pocket on walkout @: 0458467 6187448 | 0458331 6187287 | 0458110 6186864 | Showing Fresh Attack.

CREW NAMES	DATE Y	M	D
PM	2015	10	12

FS 1111A RPG 00-02 7530881049 (100/bdl)

TOPOGRAPHY STRIP No. SL1 **TIMBER TYPE**



STRIP NO.: SL1 DIRECTION: @339°
START STRIP: 0458983 - 6187534
JOB NO.: PAR 023 DATE: Oct 12/2015
CREW: PM
REMARKS:

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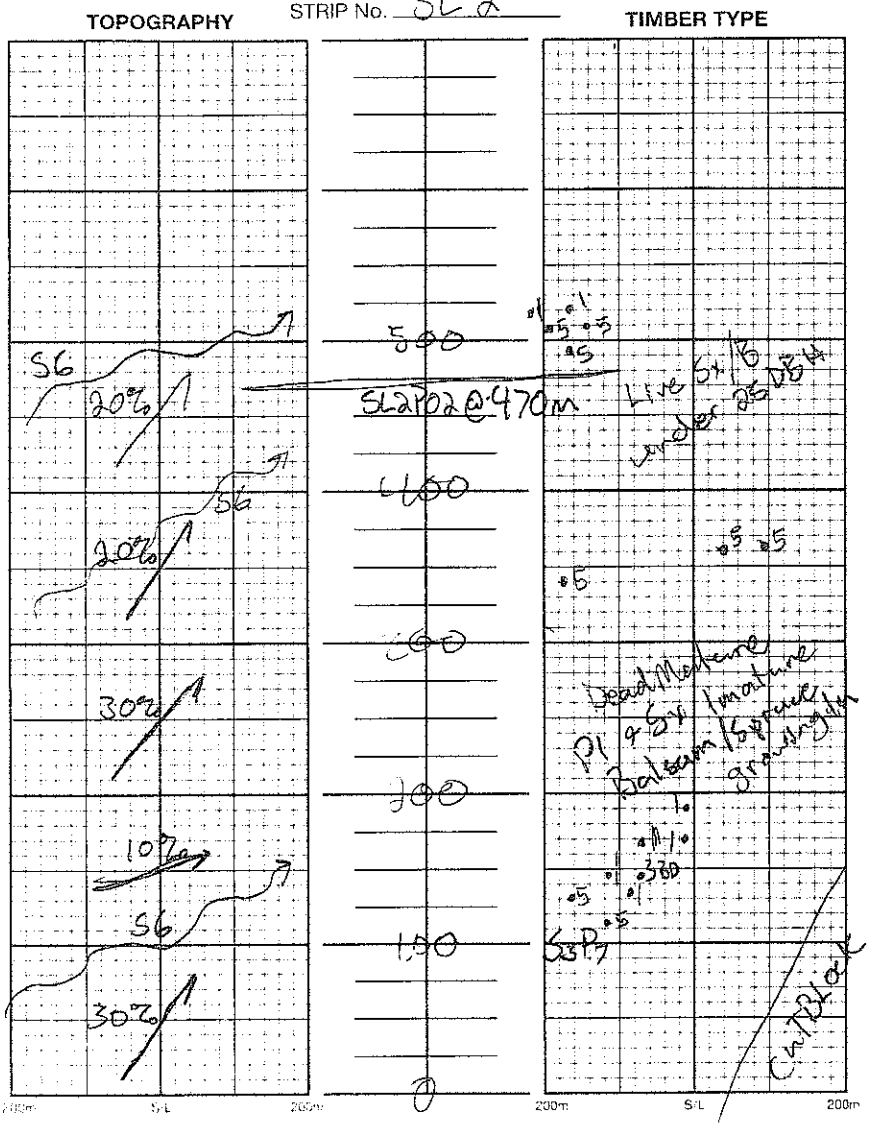

STRIP NO.: SL2 DIRECTION: 208°

START STRIP: 0458839 - 6197906

JOB NO.: PAR023 DATE: Oct 12/2015

CREW: PM

REMARKS:

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