Spruce Bark Beetle Report 2015 Fall

2015-PHI-029

ADMINISTRATION

Polygon: PHI029 **Hectares:** 102.36 **Exact Location:** 10.5km on the Scovil FSR

Walkthrough: 5000m **Number of Probe Pixels:** 3 **Date:** 2015.11.15-16 **Crew:** J. Cousens, M. Vanderstap, S. Turcotte

STAND INFORMATION

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

The site is located approximately 800m south of the FSR adjacent to an old cutblock. All other sides are bordered by mature timber. The entire polygon has a northwest facing slope with roughly a 40% slope. The majority of the stand is a rough even mix of spruce and balsam fir in healthy condition. The site is well drained with numerous creeks and gullies throughout.

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

Other Considerations or Limiting Factors: various riparian areas, access would need to be improved, steep slopes

SUMMARY OF CURRENT INFESTATION:

Attack in the stand is widely scattered, with almost no attack at the highest elevations. Attack is sporadic and clustered in the lowest elevations. Potential for spread in and around this unit is good but could be tempered with areas of increased balsam fir component. The code one trees assessed are on a two year cycle.

Volume Healthy	*Volume Year One Attack*	*Volume Year Two Attack*		*Volume Old Attack*	
300.4	41.2	3.3		9.4	
Bark Sample Data	***Entrance Holes***	***Adults***	***Larvae***	***Pupae***	***Young Adults***
(combined)	7	1	11	0	0

BRITISH COLUMBIA

BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
0480561, 6114700	/	/	1	1

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
160°	ST1	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 B	At	OTHER Pld	P/q
~~12.5 - 17.4~~	~~2.0~~											
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												

BARK SAMPLES 15cm x 15cm	NO ENTRANCE HOLES	NO PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN Attacked	Unattacked
N	1	0	0	0	0		
S	2	1	0	0	0		

COMMENTS
⊙ Bark sample
Couple other attacked trees in area

CREW NAMES	DATE Y	M	D
Simon Turcotte	15	11	16

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

BRITISH COLUMBIA

BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
4809B - 6114768				

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
117°	1	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 B	OTHER
12.5 - 17.4	2.0									
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										

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN Attacked	Unattacked
N	2		5				
S	2		6				

COMMENTS ☐ Bark sample. heavy woodpecker. Dep+chowa
Dead balsem ☐

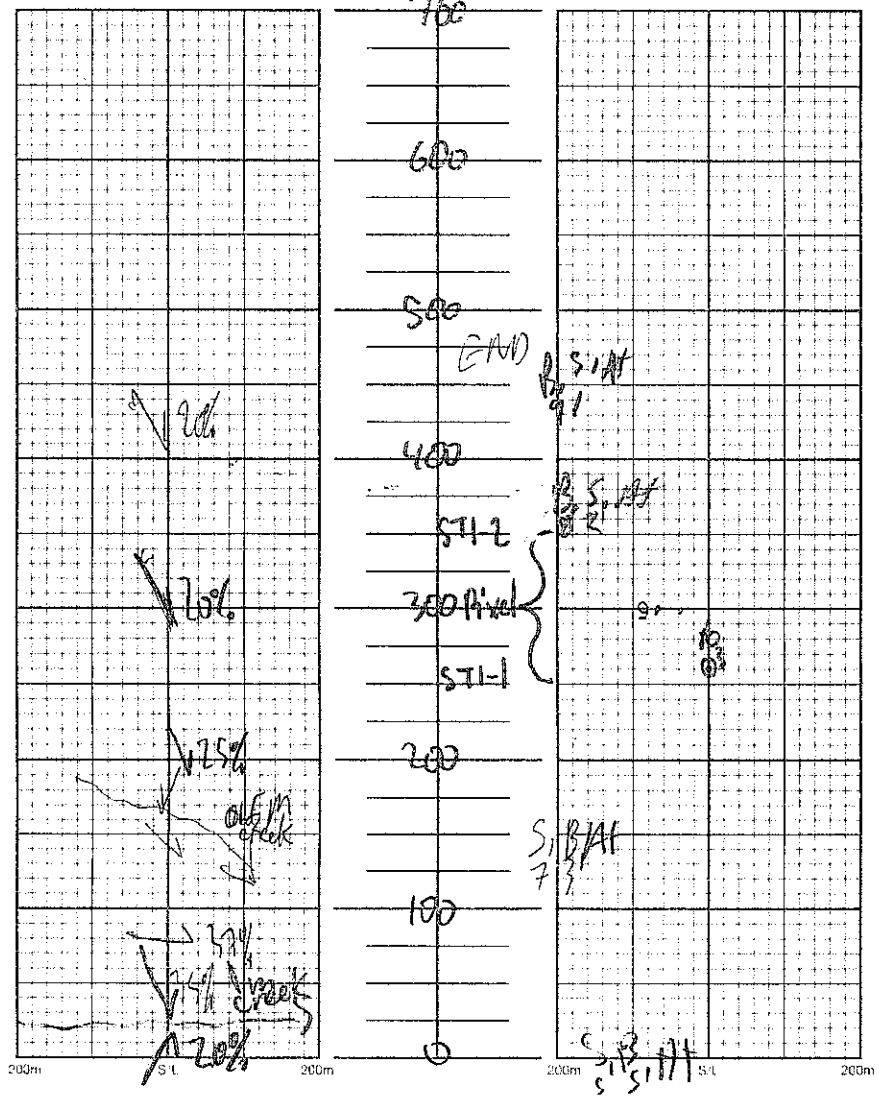
CREW NAMES	DATE Y	M	D
Mariska van der Stap	15	11	16

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

TOPOGRAPHY

STRIP No. ST1

TIMBER TYPE



STRIP NO.: ST1 DIRECTION: 160°

START STRIP: 0480482, 6114937

JOB NO.: DMK006, PH1029 DATE: Nov. 16th 2015

CREW: Simon Turcotte

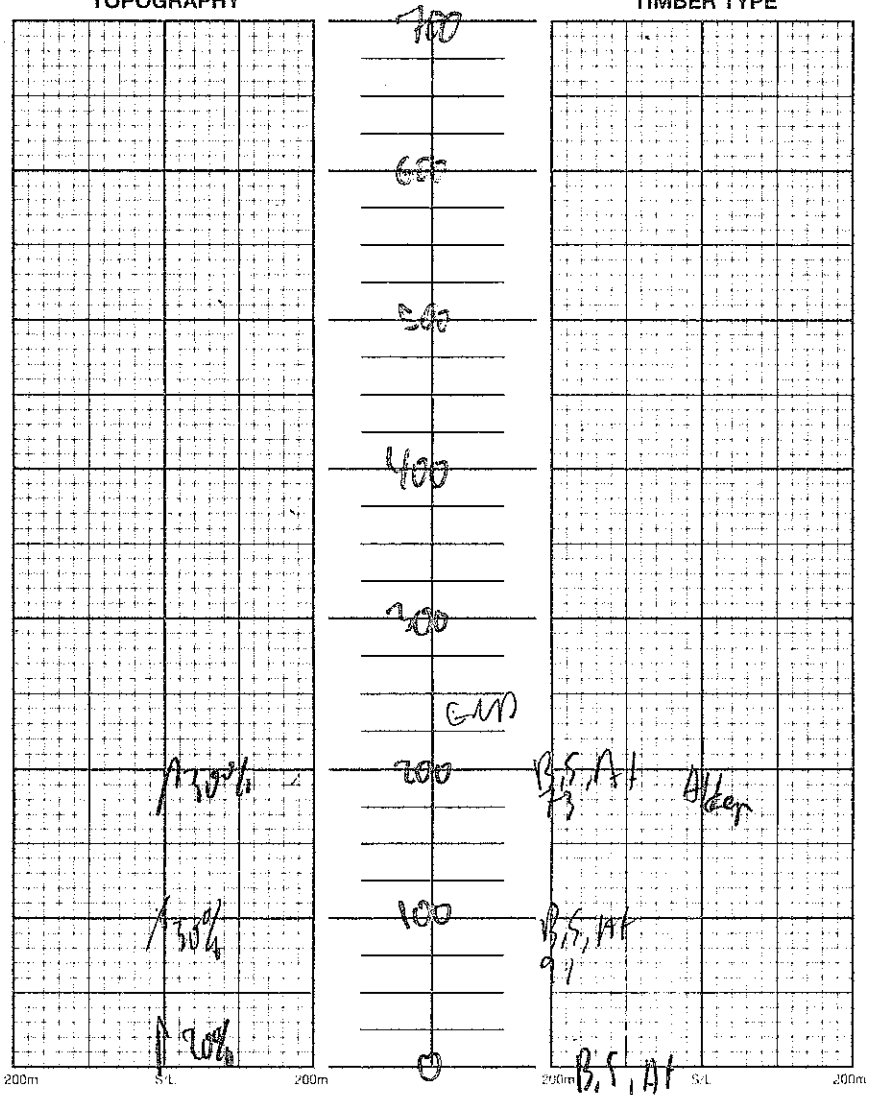
REMARKS:

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

TOPOGRAPHY

STRIP No. ST2

TIMBER TYPE



STRIP NO.: ST2 DIRECTION: 264°

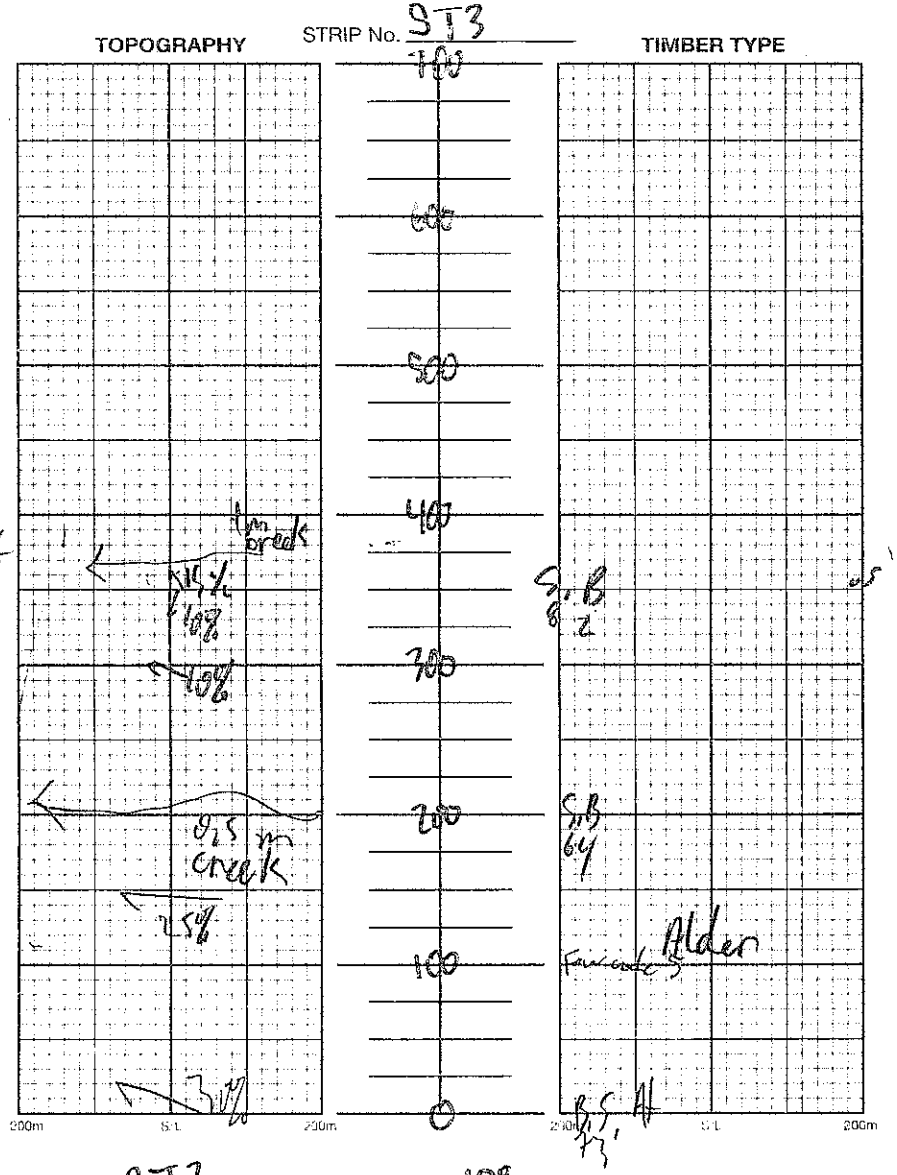
START STRIP: 0480637, 6114989

JOB NO.: DMK006, PH1029 DATE: Nov. 16th 2015

CREW: Simon Turcotte

REMARKS:

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



STRIP NO.: ST3 DIRECTION: 10°

START STRIP: 0480410 6114497

JOB NO.: PHK006, PH1019 DATE: NOV 16th 2015

CREW: Simon Turcotte

REMARKS:

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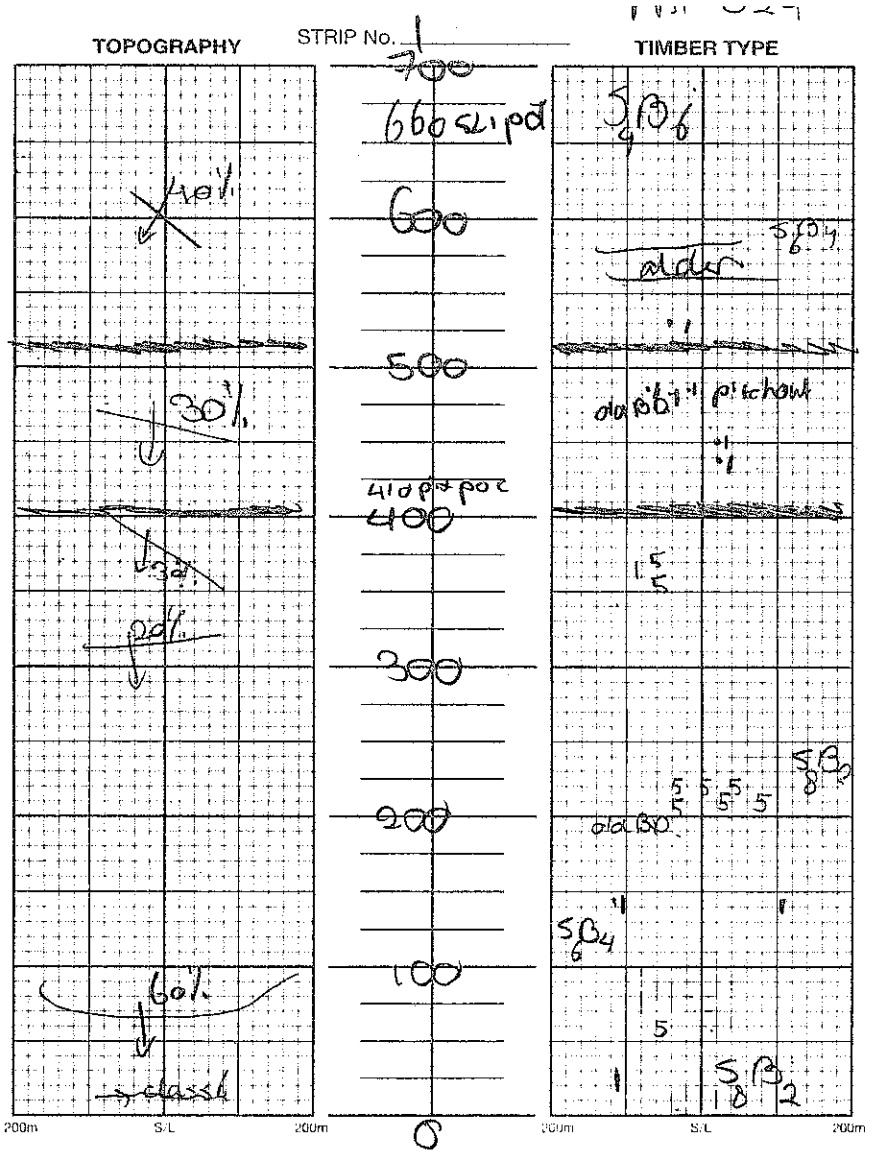

STRIP NO.: 1 DIRECTION: 117

START STRIP: 480579 - 6114978

JOB NO.: FTI16PMK006 DATE: Nov 16 2015

CREW: Mariska van der Stap

REMARKS:

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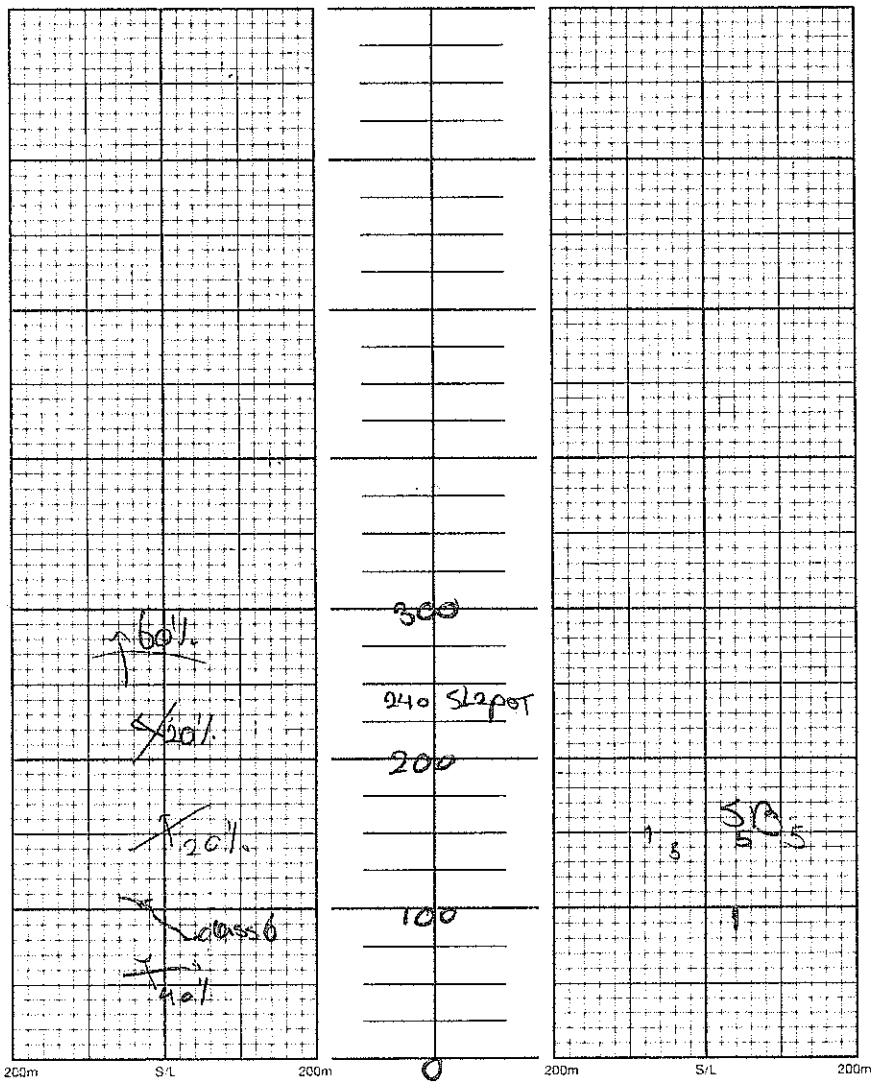
TOPOGRAPHY STRIP No. 2 TIMBER TYPE



STRIP NO.: 2 DIRECTION: 325°

START STRIP: 481152 - 6114658

JOB NO.: FI16 PMK006 DATE: Nov 16 2015

CREW: Mariska van der Stap

REMARKS:

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BRITISH COLUMBIA

BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
	/	/	1	1

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
82°	JCL	10m	100m	[X] SB [ ] MPB [ ] DFB

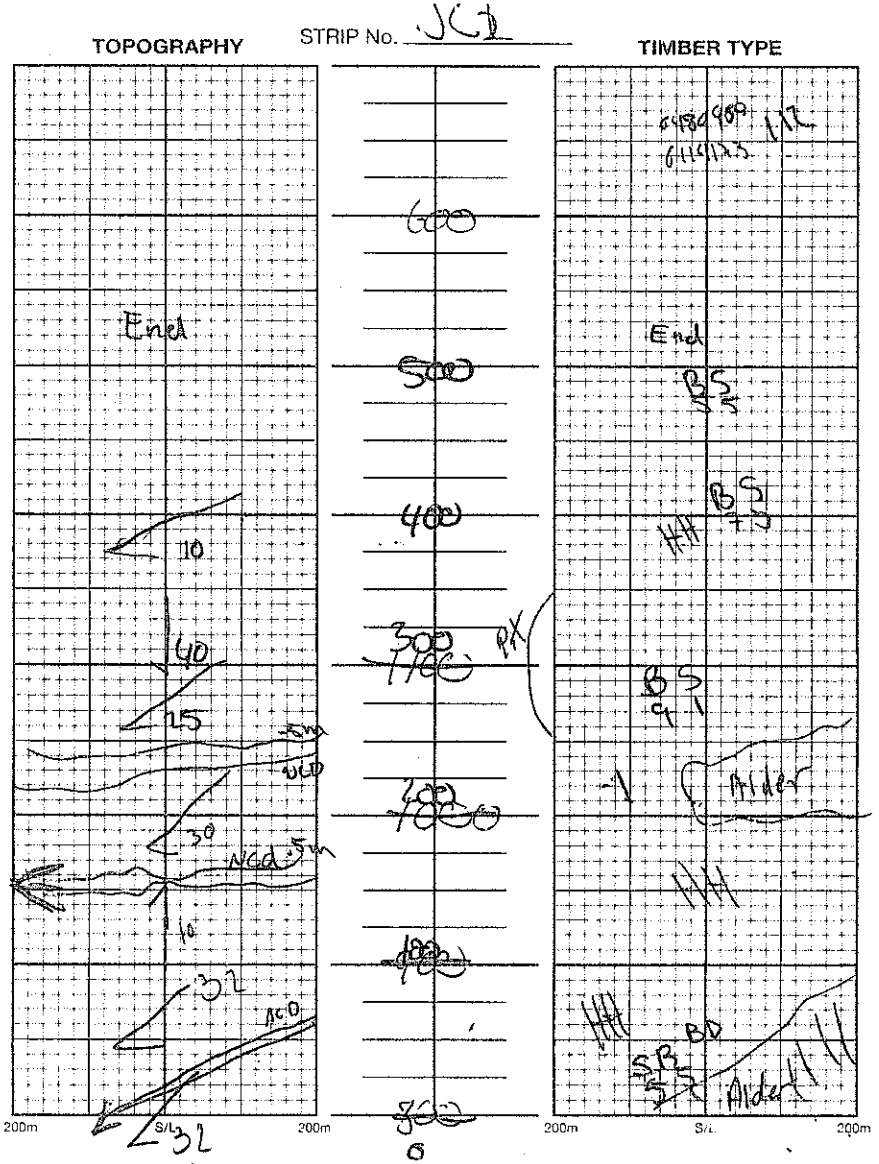
DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK 1	2	3	4	5	6	OTHER TREE SPECIES MAIN	OTHER
									B AT	PLD Pla
~~12.5 - 17.4~~	~~2.0~~									
17.5 - 25.0	3.3	☒							☒ ☐	
25.1 - 30.0	5.3	☐							☒	
30.1 - 35.0	7.1									
35.1 - 40.0	9.4									
40.1 - 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										

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN Attacked	Unattacked
N							
S							

COMMENTS

CREW NAMES	DATE Y	M	D
James Cousins	2015	11	15

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



STRIP NO.: JC2 DIRECTION: 82°

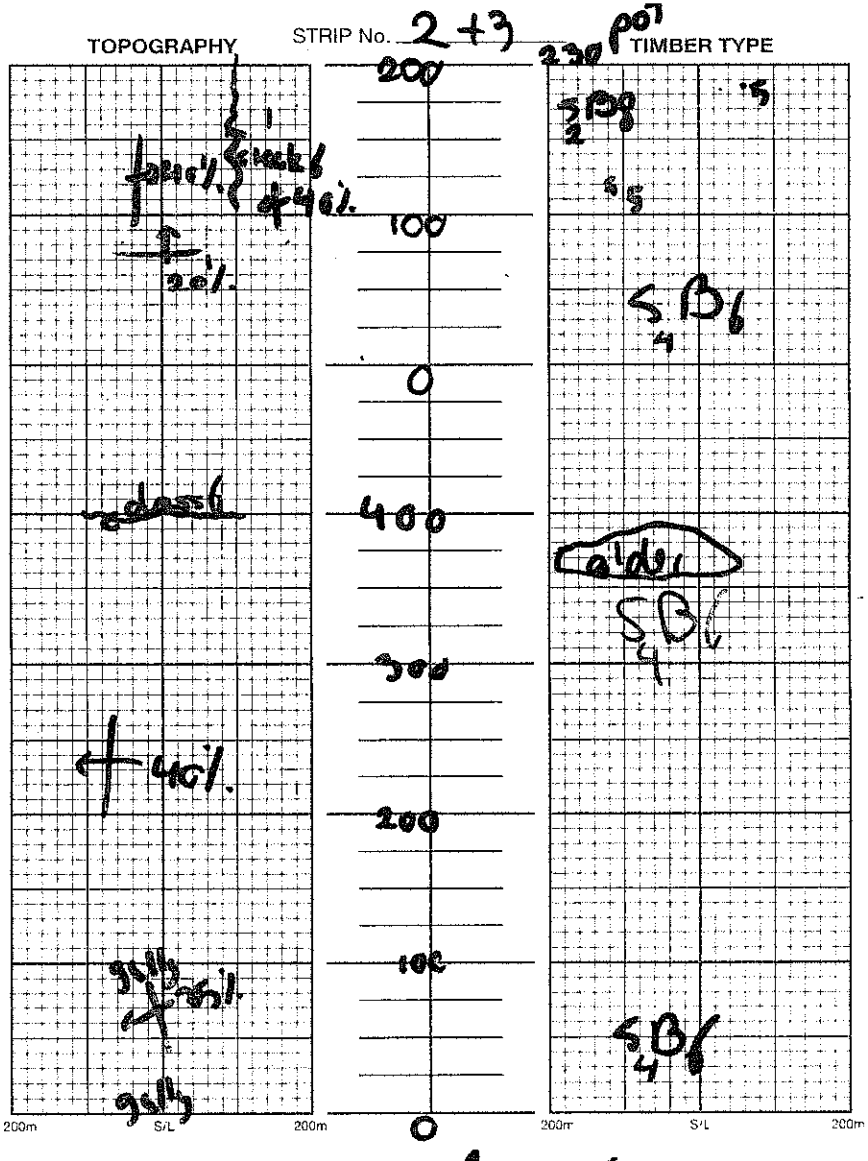
START STRIP: 0480695 - 6114145

JOB NO.: FH16 DMK006 DATE: 15/11/2015

CREW: James Collins

REMARKS:

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



STRIP NO.: 2+3 DIRECTION: 64° / 324°

START STRIP: 481060 - 6114329 / 481411 - 6114518

JOB NO.: FH16 DMK006 DATE: Nov 15 2015

CREW: Mariska van der Slap

REMARKS:

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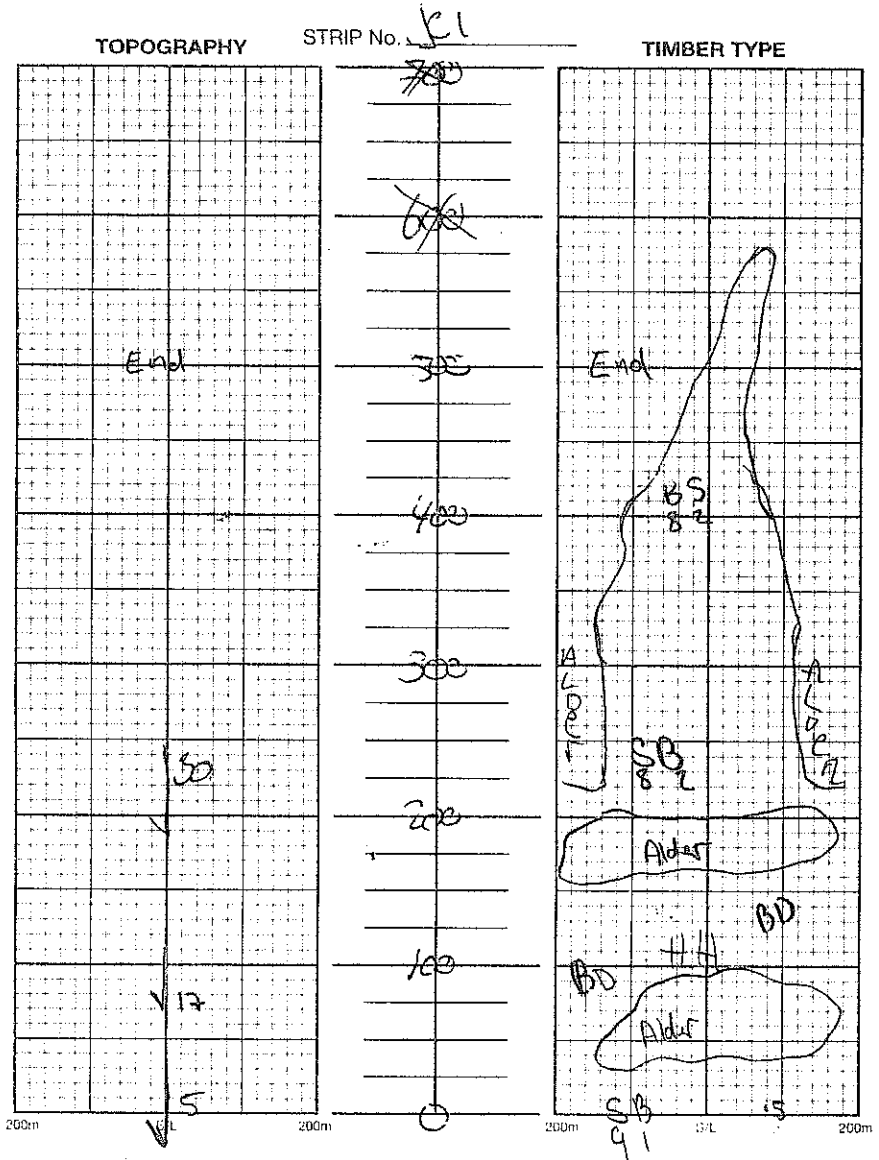

STRIP NO.: JC1 DIRECTION: 103°

START STRIP: 0480209 - 6114264

JOB NO.: FH16 PmK006 DATE: 15/11/2015

CREW: James & Cousins

REMARKS: AH & a Capric CS

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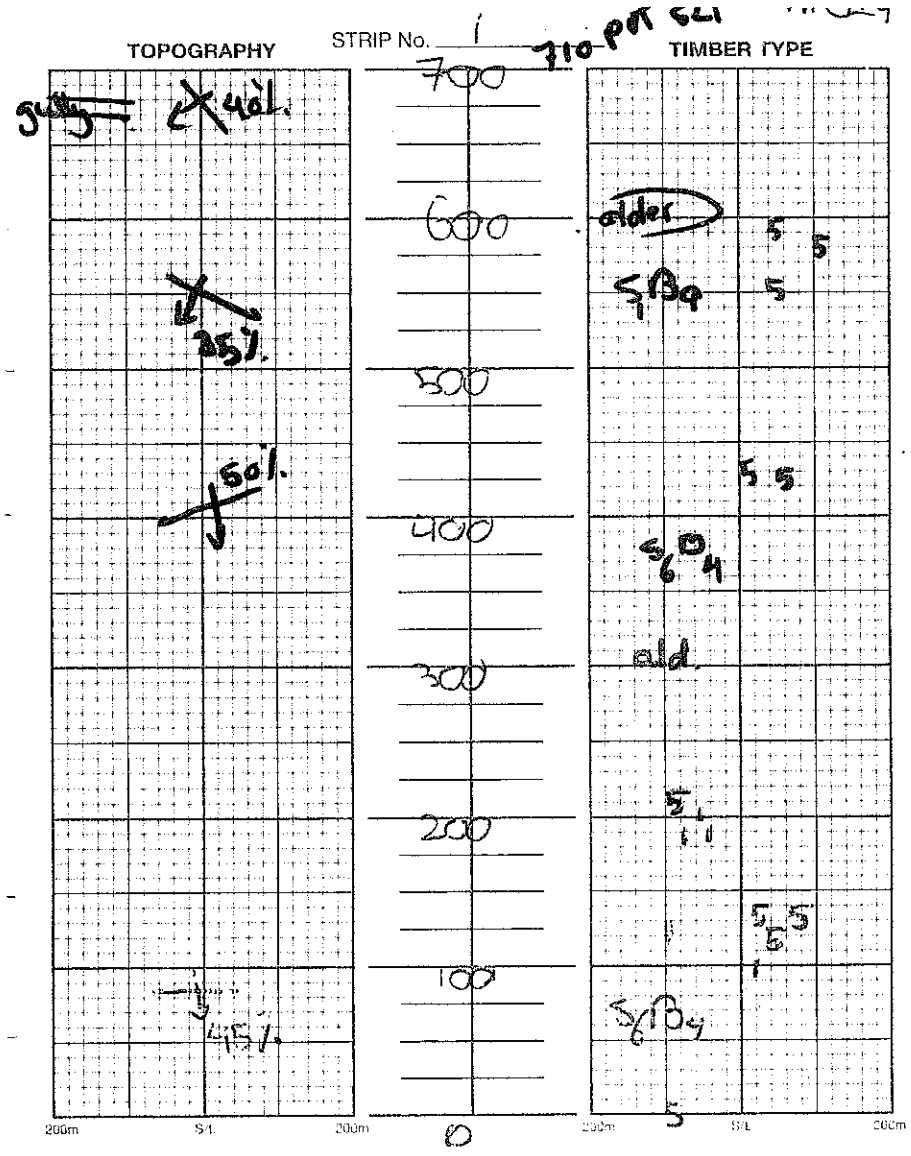

STRIP NO.: 1 DIRECTION: 78°

START STRIP: 480357 - 6114461

JOB NO.: FH16PmK006 DATE: NOV 15 2015

CREW: Mariska van der Stap

REMARKS:

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