Spruce Bark Beetle Report 2015 Fall

2015-BLA-064

ADMINISTRATION

Polygon: BLA064 **Hectares**: 98.33 **Exact Location**: South of the Dastaiga West FSR at 2km

Walkthrough: 5000m **Number of Probe Pixels**: 2 **Date**: 2015.11.12 **Crew**: J. Cousens, S. Turcotte, M. Vanderstap

STAND INFORMATION

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

The terrain at this site is generally flat with some slopes of up to 20% and a varied aspect. There is a high component of spruce in this stand mixed mainly with balsam fir but some deciduous are also scattered about. A small creek in the west and the south drain the area. This polygon is surrounded by mature coniferous and deciduous forest on all sides. Blowdown in this stand is generally low.

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

Other Considerations or Limiting Factors: riparian areas

SUMMARY OF CURRENT INFESTATION:

Attack in this stand is scattered. Either individual attacks or concentrations which is usually indicative of a building population. The potential for spread is very good with the abundance of mature large diameter spruce. While one year cycle populations from this year's attack can be found the brood are generally on a two year attack.

Volume Healthy	***Volume Year One Attack***	***Volume Year Two Attack***		***Volume Old Attack***	
195	26.3	0		70.8	
Bark Sample Data	***Entrance Holes***	***Adults***	***Larvae***	***Pupae***	***Young Adults***
(combined)	11	0	6	0	14

BRITISH COLUMBIA

BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
	/	/	1	1

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
230°	ST2	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	Hd	OTHER EP	AC
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	4	0	0	0	0	N/A	
S	3	0	0	0	0		

COMMENTS
① Bark sample

CREW NAMES Simon Turcotte

DATE Y 15 M 11 D 12

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

V31a d64

BRITISH COLUMBIA

BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
478400-6139420				

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
320	3	10 m	100 m	[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	Bw	OTHER Cwood
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	C	4	a	8		
S	2	C	2	C	6		

COMMENTS
Pl: dead1
dead S 3
dead B 1
[□] Bark sample tree

CREW NAMES Mariska von der Stop

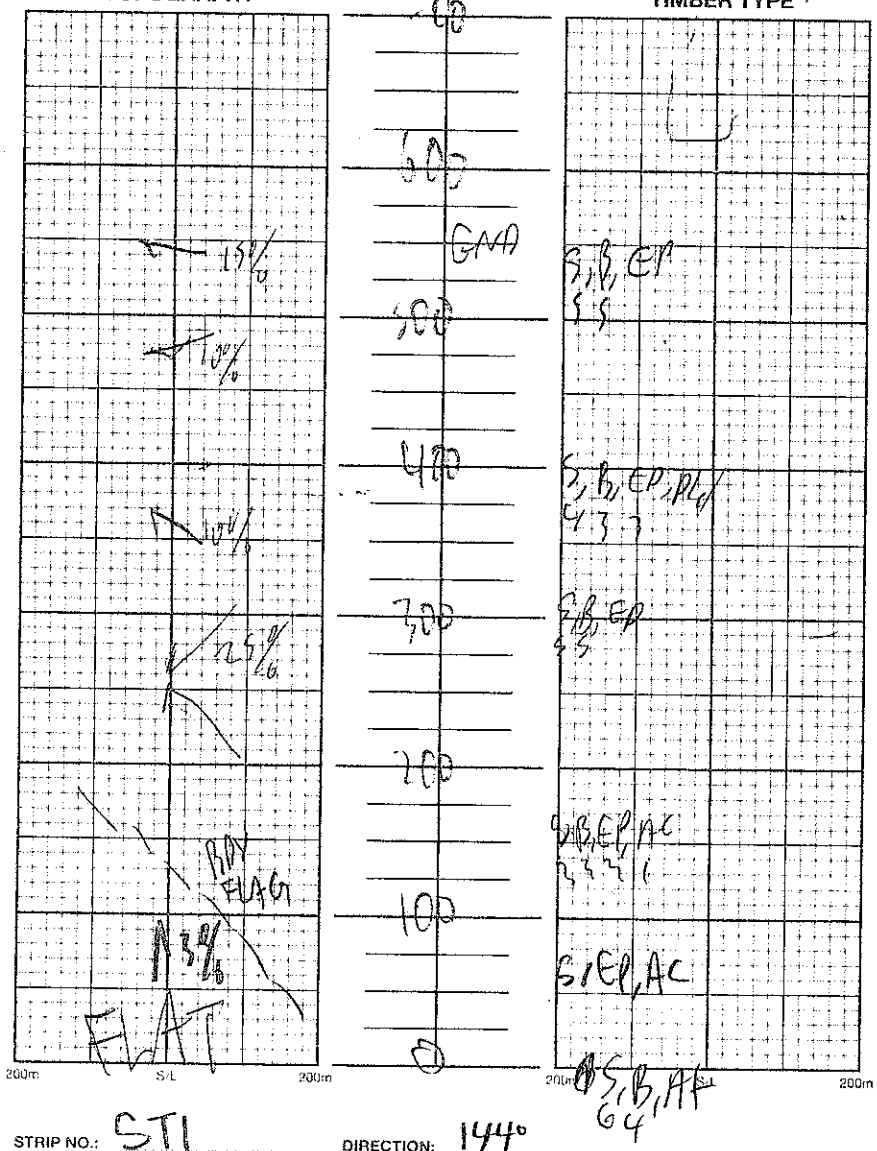
DATE Y 15 M 11 D 12

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

TOPOGRAPHY

STRIP No. ST1 Bla064

TIMBER TYPE



STRIP NO.: ST1 DIRECTION: 144°

START STRIP: 0478582, 6140026

JOB NO.: D4K006 BLA064 DATE: NOV. 12th 2015

CREW: Simon Turcotte

REMARKS: No beetle

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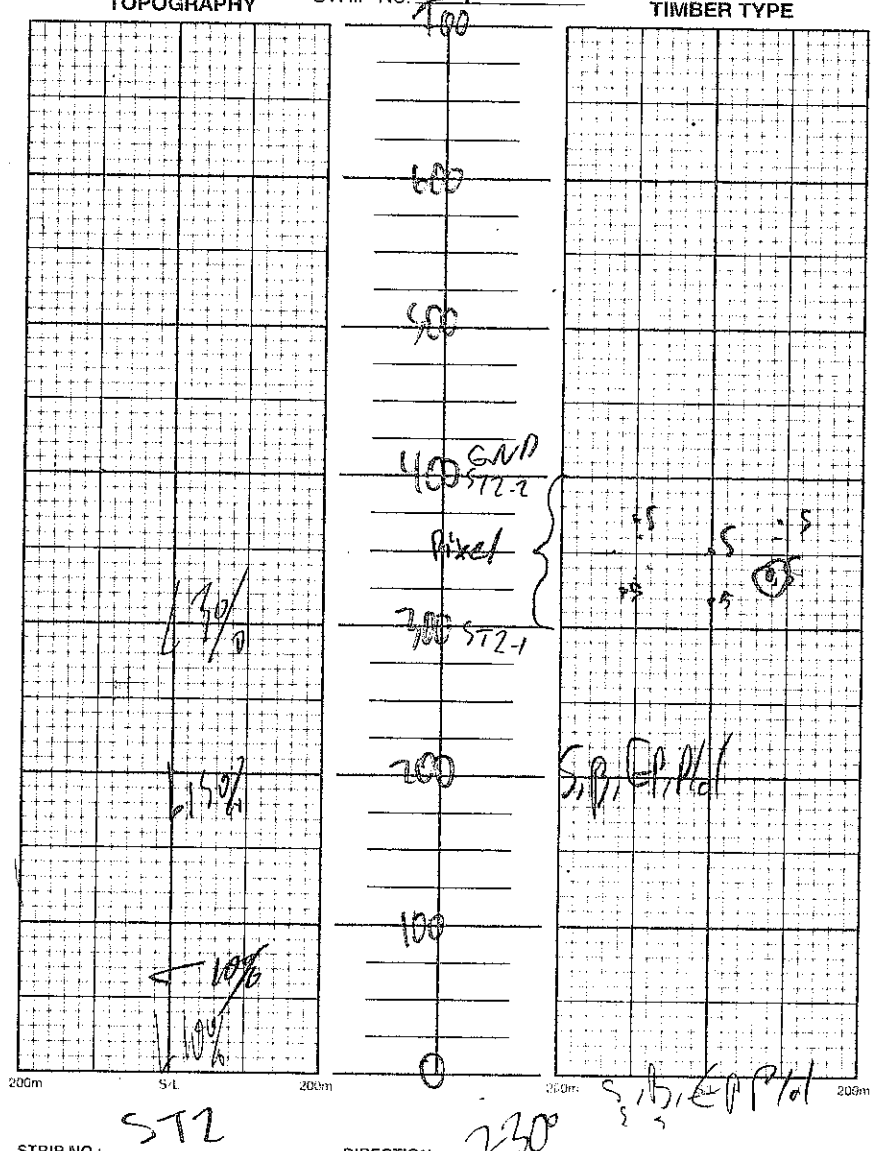
TOPOGRAPHY

STRIP No. ST2

TIMBER TYPE



STRIP NO.: ST2 DIRECTION: 230°

START STRIP: 0478903, 6139570

JOB NO.: D4K006 BLA064 DATE: NOV. 12th 2015

CREW: Simon Turcotte

REMARKS:

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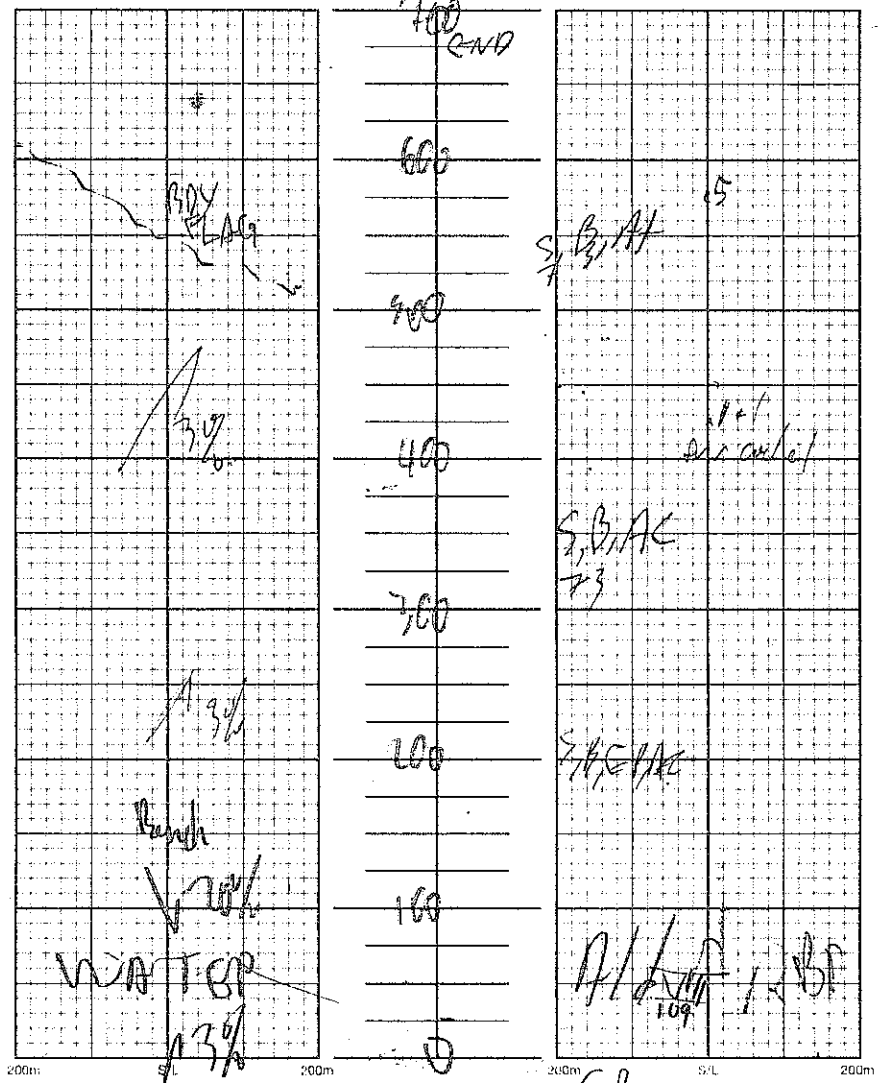
TOPOGRAPHY STRIP No. ST3 TIMBER TYPE



STRIP NO.: ST3 DIRECTION: 0° S5

START STRIP:

JOB NO.: DMK006 BLA064 DATE: NOV. 12th 2015

CREW: Simon Turcotte

REMARKS: Scattered attack. Heavy at beg. mark

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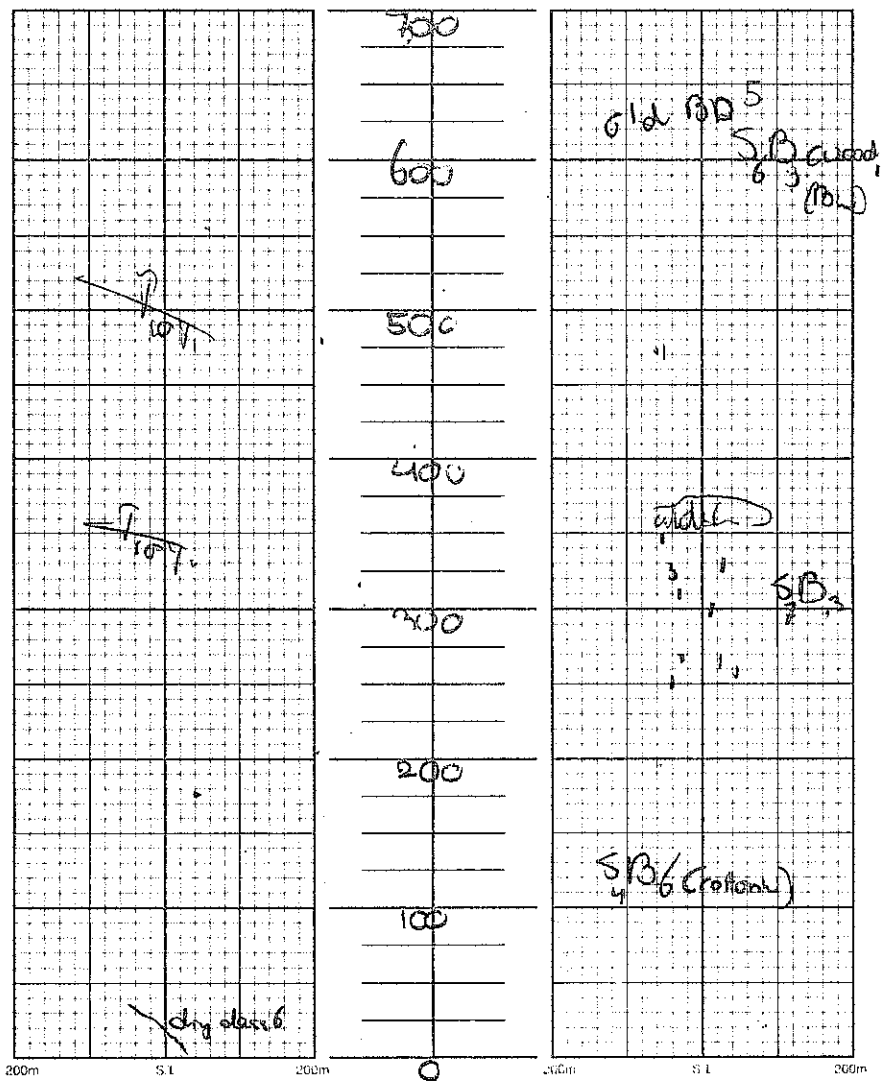
TOPOGRAPHY STRIP No. 1750 SL POT TIMBER TYPE



STRIP NO.: 1 DIRECTION: 180°

START STRIP: 478130 - 6139657

JOB NO.: FH160MK006 DATE: NOV 12 2015

CREW: Mariska van der Stap

REMARKS:

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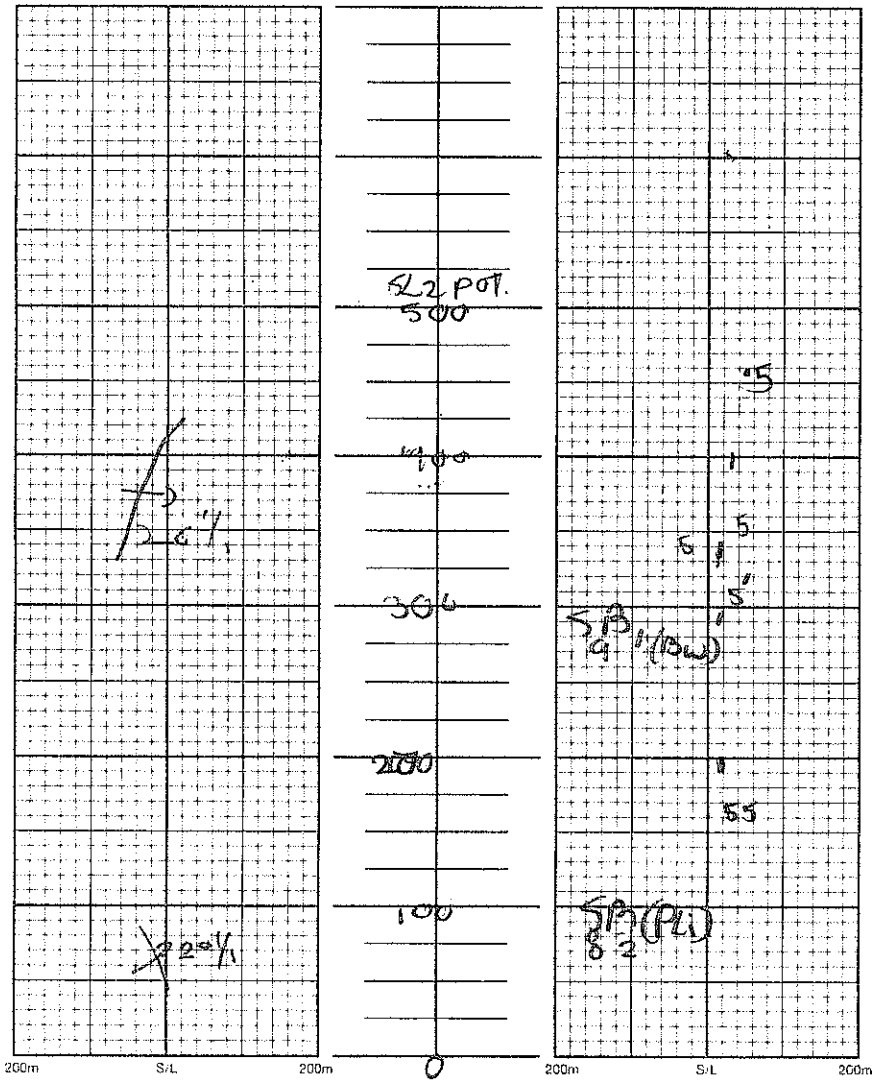
TOPOGRAPHY STRIP No. 2 TIMBER TYPE



STRIP NO.: 2 DIRECTION: 37

START STRIP: 478178 - 6138943

JOB NO.: F11bpmk006 DATE: Nov 12 2015

CREW: Mariska van der Stap

REMARKS:

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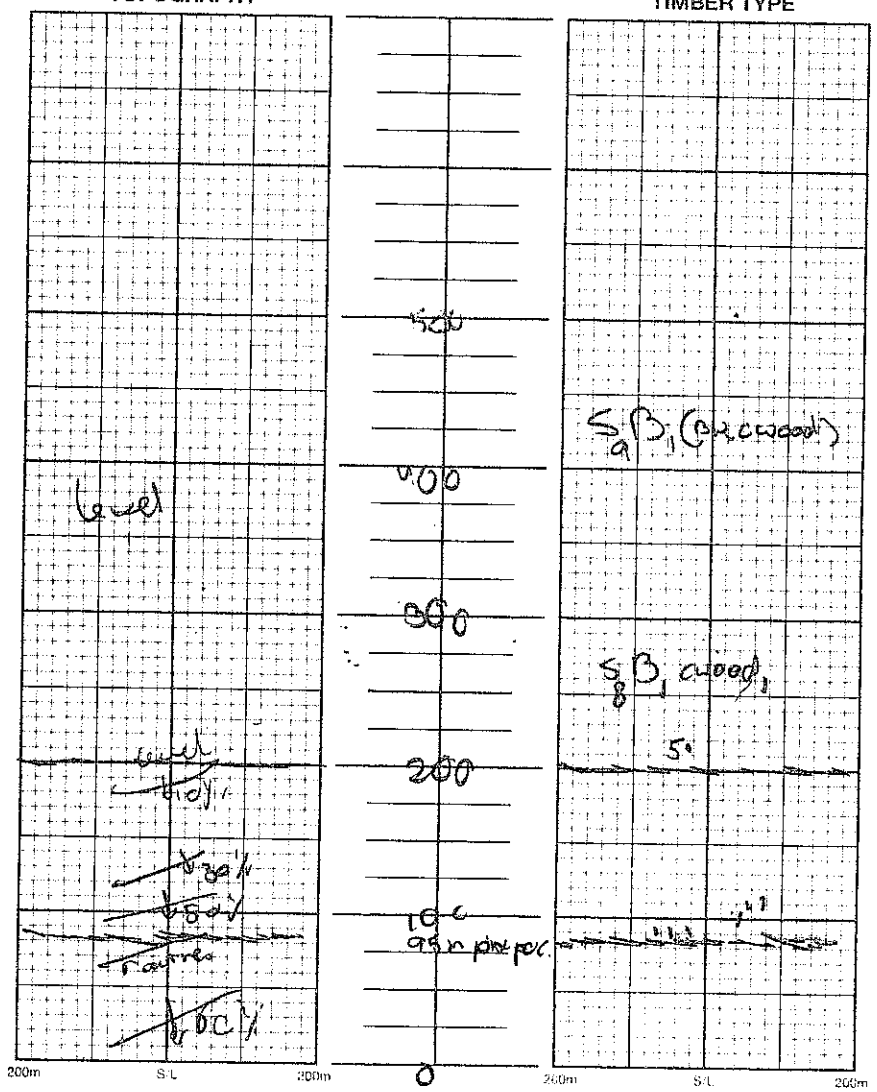
TOPOGRAPHY STRIP No. 3 TIMBER TYPE



STRIP NO.: 3 DIRECTION: 320°

START STRIP: 478458 - 6139358

JOB NO.: F11bpmk006 DATE: Nov 12 2015

CREW: Mariska vd Stap

REMARKS:

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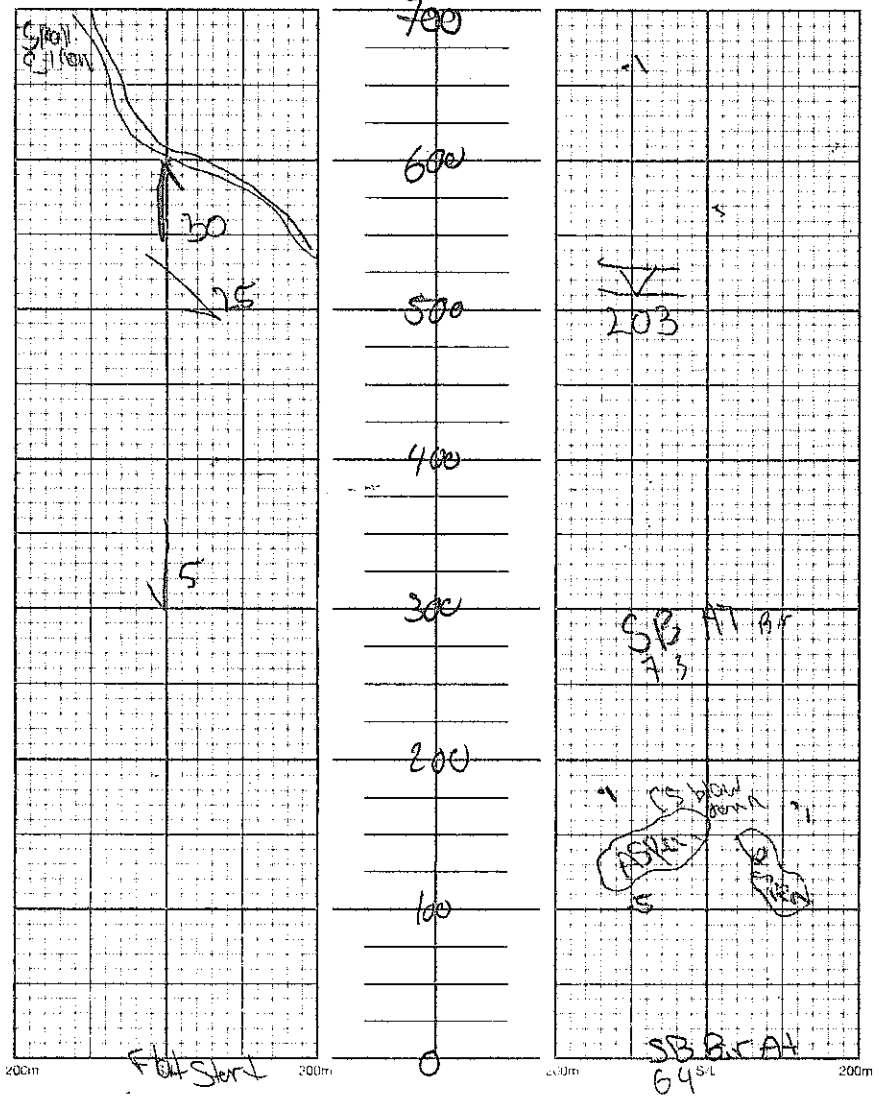
TOPOGRAPHY STRIP No. JC1 Bla064 TIMBER TYPE



STRIP NO.: JC1 DIRECTION: 161°
START STRIP: 55.24058 - 123.20562
JOB NO.: FH16DMK006 DATE: 12/11/2015
CREW: James Cocsins
REMARKS: a couple bit trees at start mostly HH

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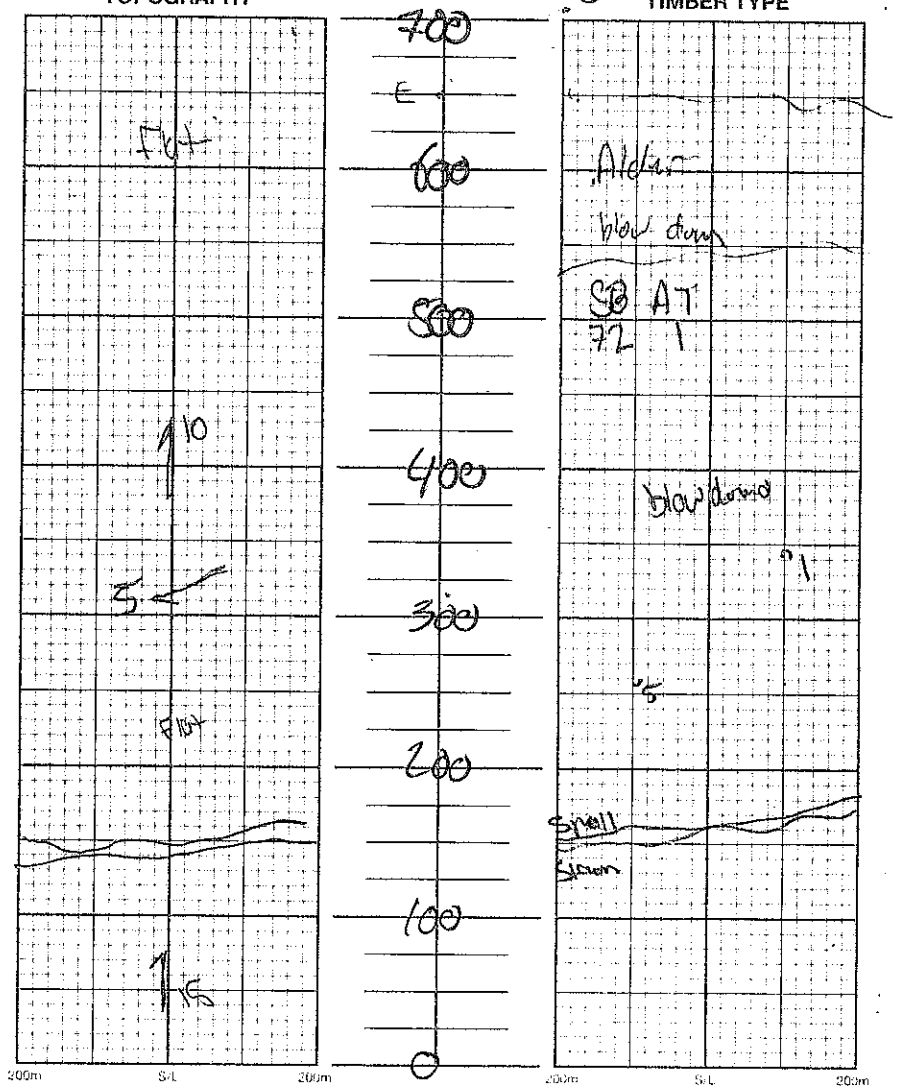
TOPOGRAPHY STRIP No. JC3 Bla064 TIMBER TYPE



STRIP NO.: JC3 DIRECTION: 342°
START STRIP: 55 23427 - 123 21 032
JOB NO.: FH16DMK006 DATE: 12/11/2015
CREW: James Cocsins
REMARKS: 1 Code 1 lots of HH
1 Code 5

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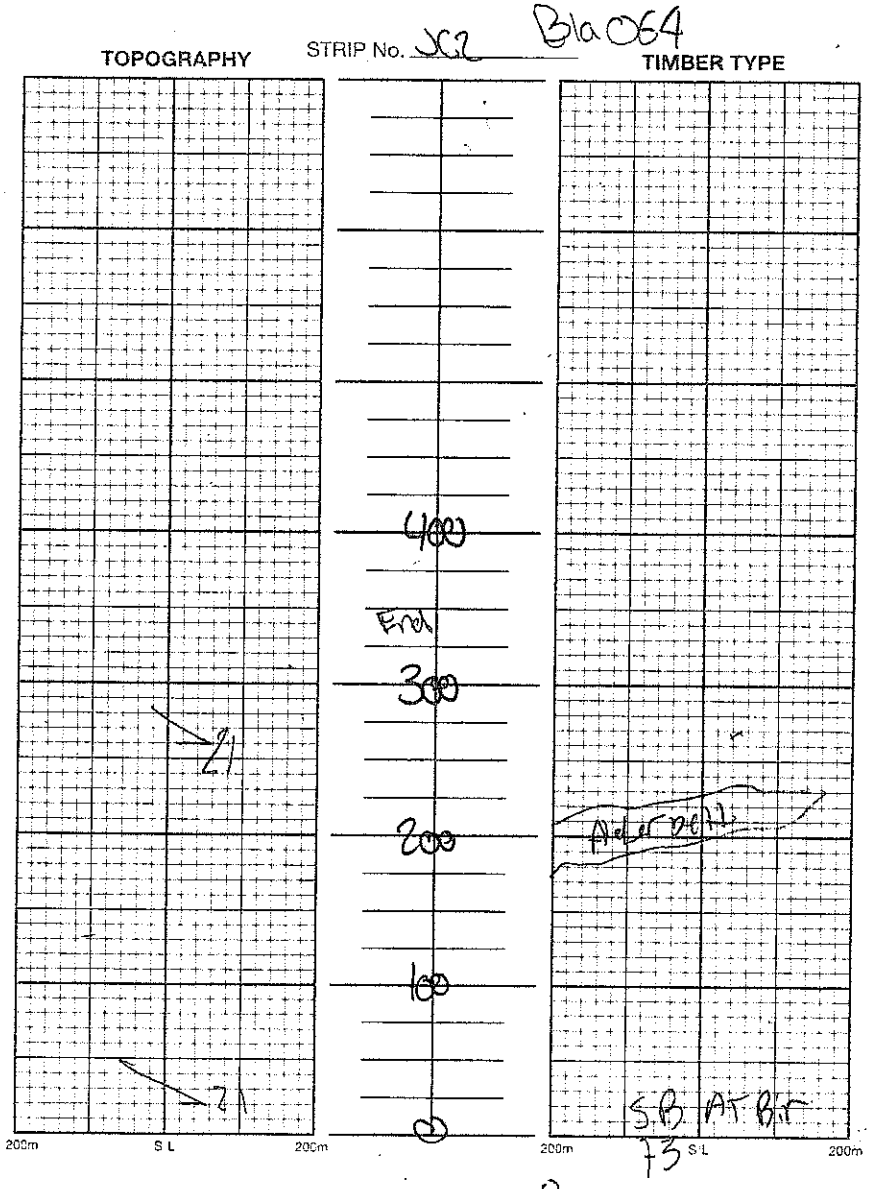

STRIP NO.: JC2 DIRECTION: 280°

START STRIP: SS23408-1234121

JOB NO.: FH16DmK006 DATE: 12/11/2015

CREW: James Cousins

REMARKS:

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