

Spruce Bark Beetle Report 2015 Fall

2015-PHI-032

ADMINISTRATION

Polygon: PHI032 **Hectares:** 91.18 **Exact Location:** 4.5km Scovil FSR
Walkthrough: 4500m **Number of Probe Pixels:** 2 **Date:** 2015.11.14 **Crew:** S. Turcotte, M. Vanderstap, J. Cousens

STAND INFORMATION

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

This stand is located approximately 600m from the access road. The north side of the polygon is bounded by older cutblocks, now regenerated as is the majority of the south side, there are slivers of timber in most other places on the boundary. Blowdown tends to be low but can be high along some of the cutblock edges. The terrain is generally on an even slope to the north of roughly 40%. The polygon is comprised of roughly 60% spruce and the remainder balsam fir with some mixed poplar.

Stand Susceptibility: High

Access: 2WD, walk

Other Considerations or Limiting Factors: steep slopes

SUMMARY OF CURRENT INFESTATION:

Attack in this stand is scattered lightly along the north boundaries with some small patches of attack on the lower elevations. Spread potential in this unit is good due to the abundance of spruce and the known infestations in the area.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
325.1	14.2	0		3.3	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	6	0	7	0	0

PH1 0322

LOCATION 482895-6116675		ELEVATION	LATITUDE	PAGE 1 OF 1							
BEARING 90°	STRIP LINE NO 10m	STRIP WIDTH 100m	DISTANCE 100m	BEETLE SPECIES ☒ SB ☐ MPB ☐ DFB							
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	MAIN	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	ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN					
						Attached	Unattached				
N	3	0	3	0	0						
S	3	0	4	0	0						
COMMENTS ☒ Bark sample tree											
CREW NAMES Moinaka van der Sloep						DATE 15/11/14					

FS 1111A RPG 0002 7530881049 (100bdi)

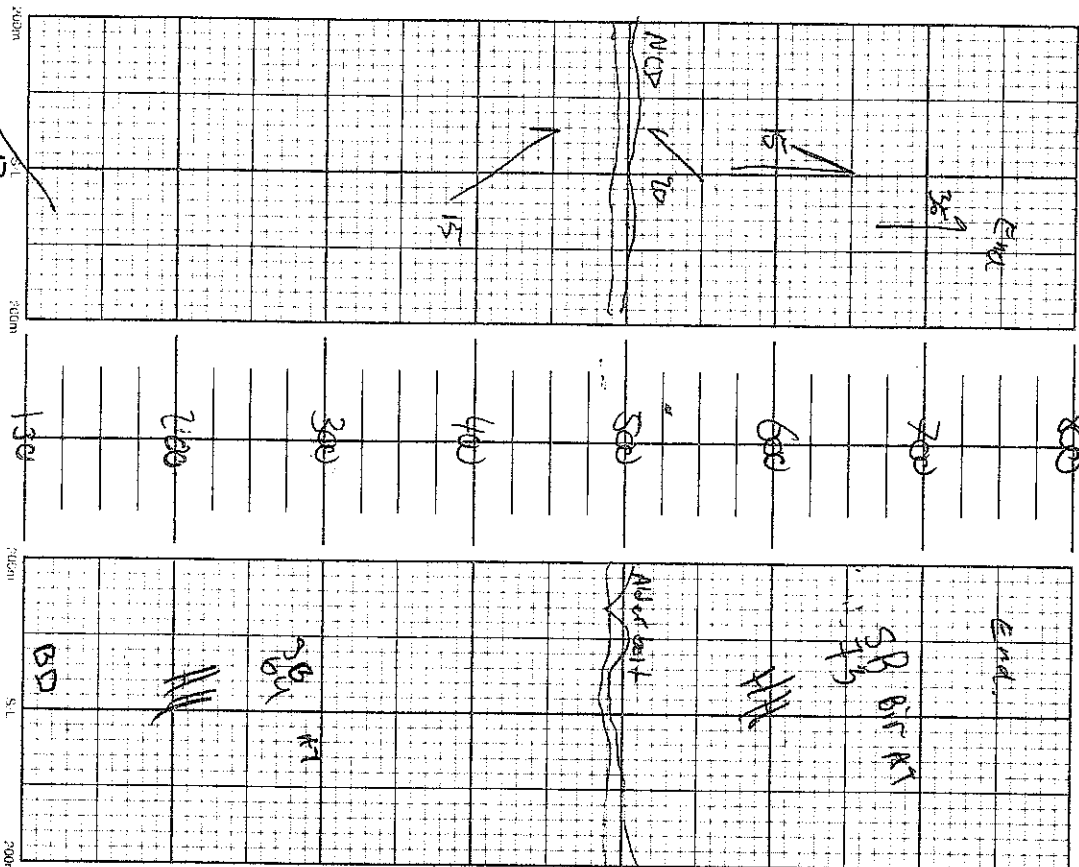
LOCATION 0483223-6116798		ELEVATION /	LATITUDE /	PAGE 1 OF 1							
BEARING 16°	STRIP LINE NO 10m	STRIP WIDTH 100m	DISTANCE 100m	BEETLE SPECIES ☒ SB ☐ MPB ☐ DFB							
DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK						OTHER TREE SPECIES		
			1	2	3	4	5	6	MAIN	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	ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN					
						Attached	Unattached				
N											
S											
COMMENTS											
CREW NAMES James Cosans - Simon Tuckette						DATE 15/11/14					

FS 1111A RPG 0002 7530881049 (100bdi)

TOPOGRAPHY

STRIP No.

TIMBER TYPE



STRIP NO.: 2C4

DIRECTION: 74°

START STRIP: 482443-616423

JOB NO.: 14/11/2015

DATE: 14/11/2015

CREW: James Cozens

REMARKS:

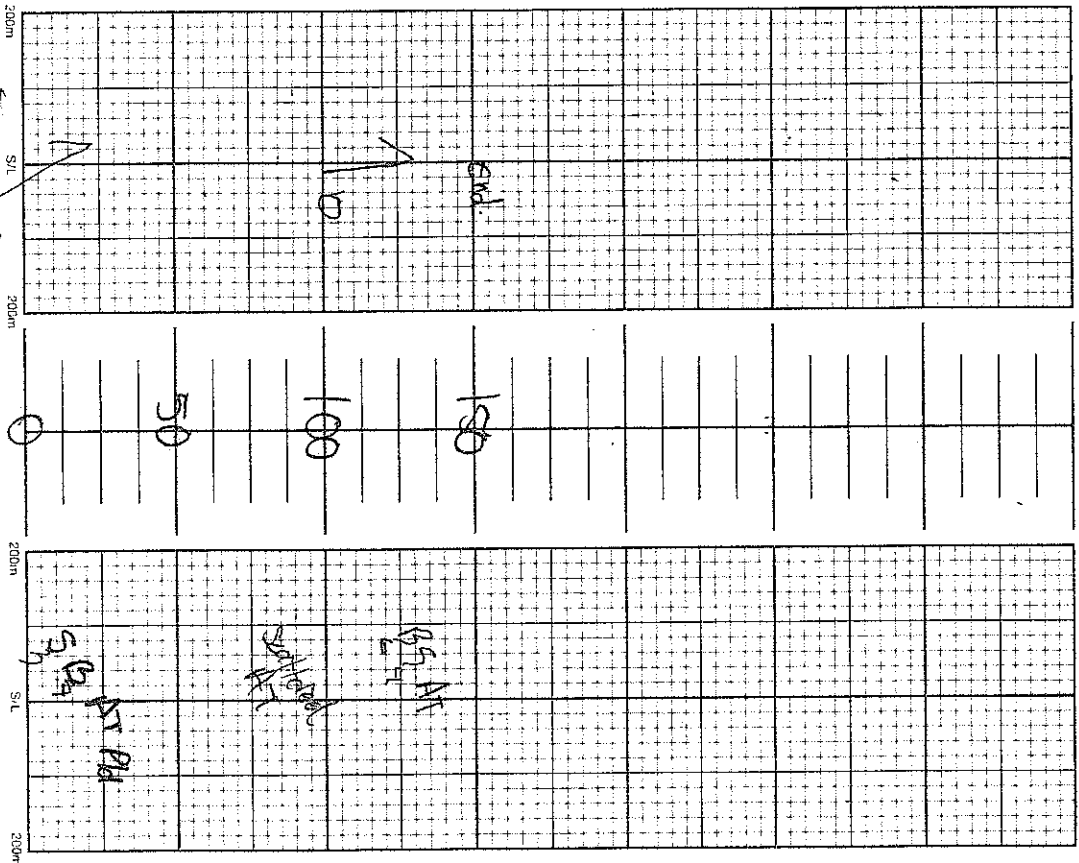


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TOPOGRAPHY

STRIP No.

TIMBER TYPE



STRIP NO.: 2C3

DIRECTION: 75°

START STRIP: 0492460-6116290

JOB NO.: 14/11/2015

DATE: 14/11/2015

CREW: James Cozens

REMARKS:

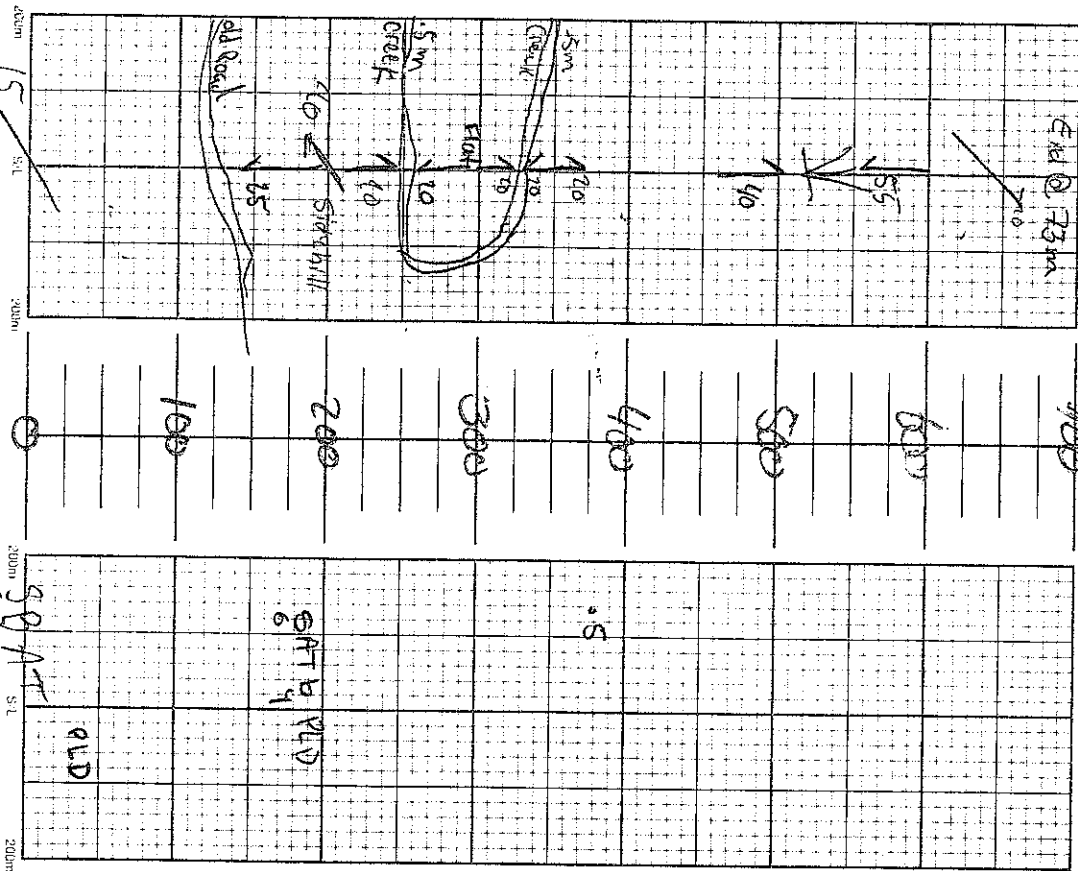


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TOPOGRAPHY

STRIP No. 100

TIMBER TYPE



STRIP NO.: 100

START STRIP:

JOB NO.: DMK006

DATE: 14/11/2015

CREW: James Cousins

REMARKS:

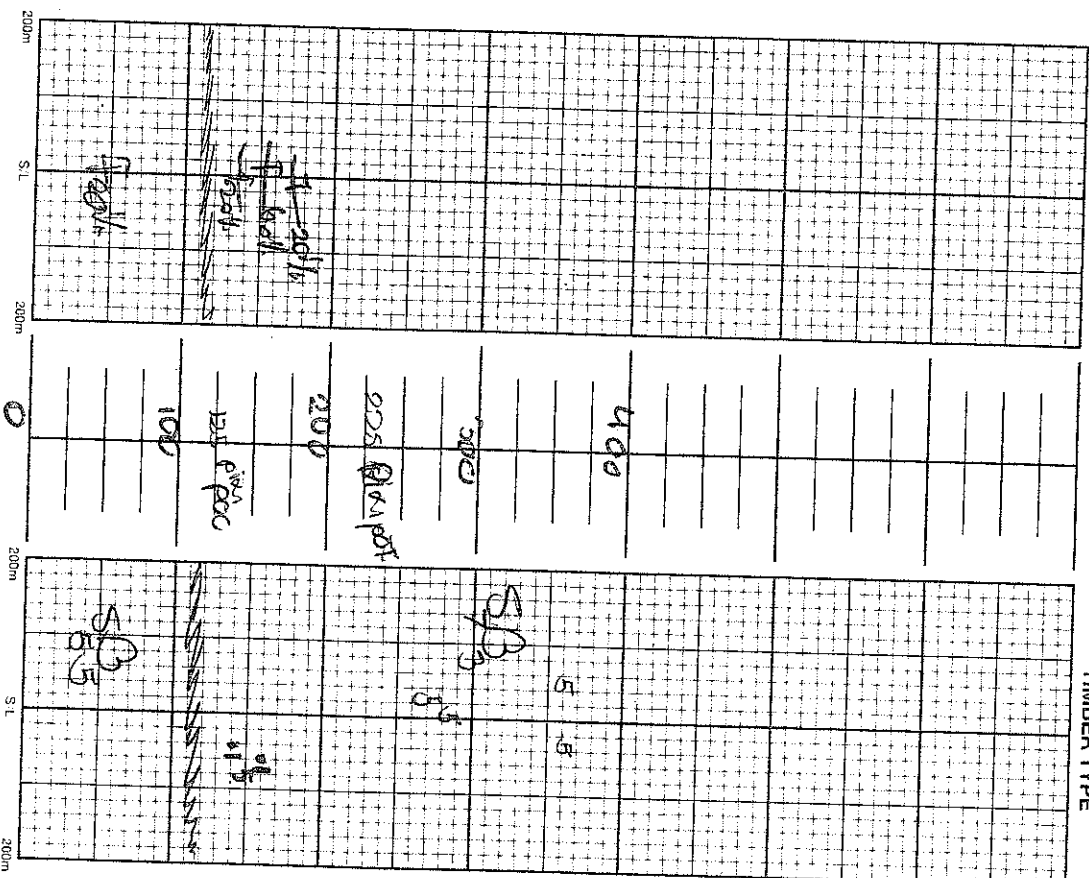


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TOPOGRAPHY

STRIP No. 3

1341 032



STRIP NO.: 3

START STRIP: 189338-6116568

JOB NO.: PH16DMK006

DATE: Nov 14 2015

CREW: Maaike van der Sijpe

REMARKS:

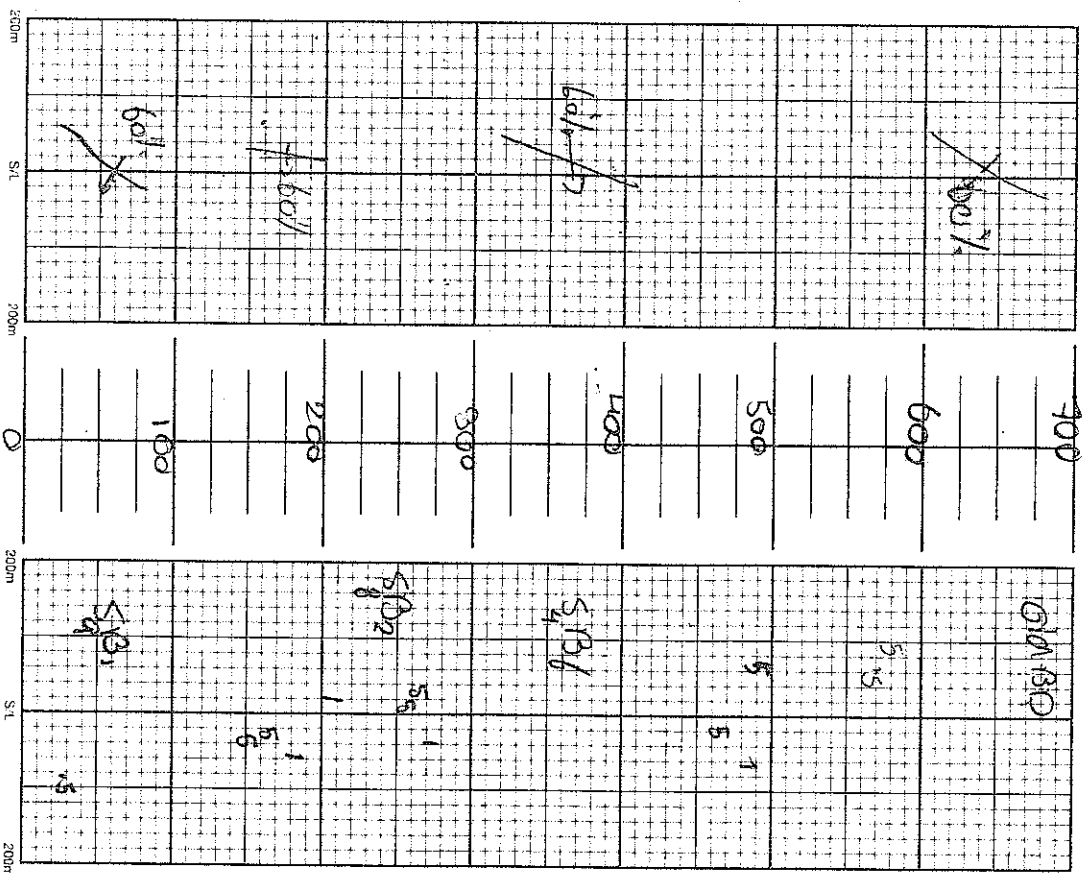


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TIMBER TYPE

TIMBER TYPE

2 cont'd 12/11/03/2



DIRECTION: 258

START STRIP: 4D 3191-6116467

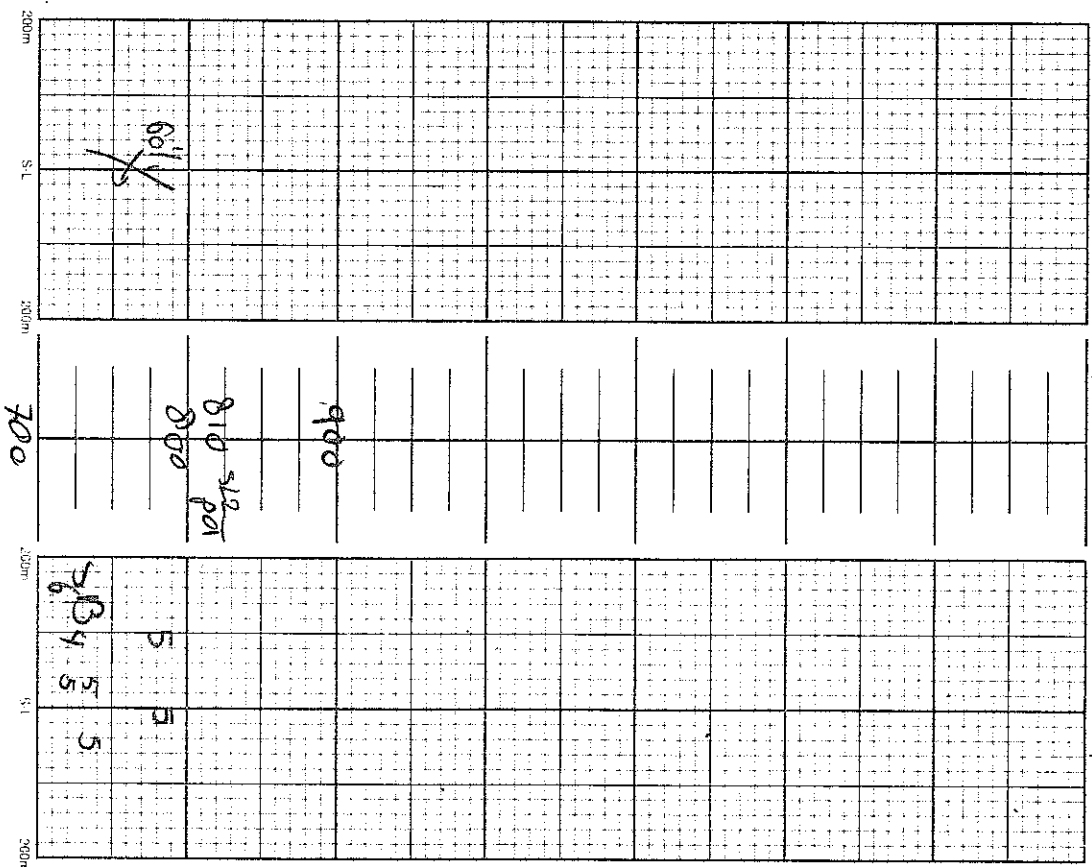
JOB NO.: 771011K006 DATE: 7/20/17

CREW: 11215fa van all stop

REMARKS:



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DIRECTION: 250

START STRIP: 4783141 - 6116767

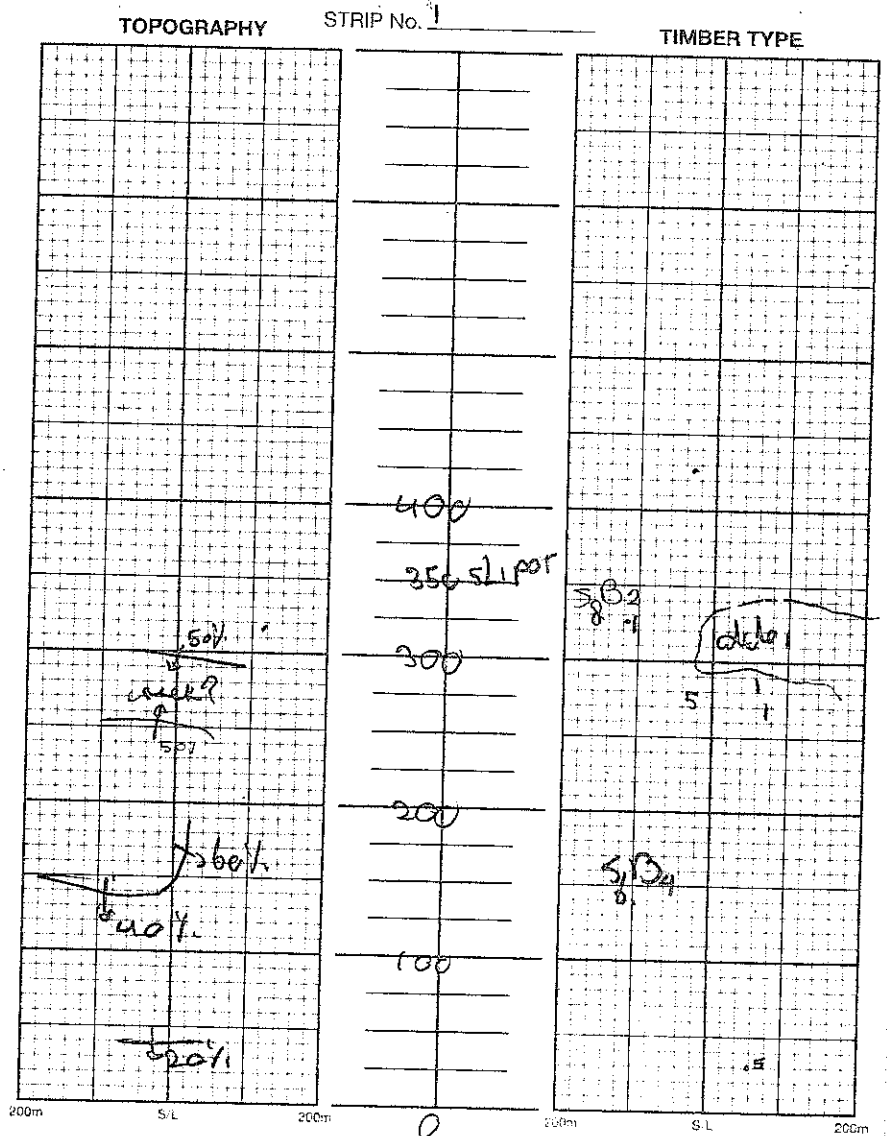
JOB NO.: 47160007-006 DATE: 10017 2015

CREW: Marka van der Stoep

REMARKS:



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STRIP NO.: 1 DIRECTION: 188°
 START STRIP: 48384-647120
 JOB NO.: FH160MK006 DATE: Nov 14 2015
 CREW: Mariska van der Stoep
 REMARKS: