

Spruce Bark Beetle Report 2015 Fall

2015-BLA-067

ADMINISTRATION

Polygon: BLA067 **Hectares:** 116.07 **Exact Location:** 10.4km on the Tsedeka M/L
Walkthrough: 5595m **Number of Probe Pixels:** 3 **Date:** 2015.11.06 **Crew:** S. Turcotte, M. Vanderstap, J. Cousens

STAND INFORMATION

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

This polygon is situated on a gentle hillside, with a consistent slope between 10 and 20% above the Tsedeka Creek. The aspect in the stand is generally to the north and northeast. There is a proposed cutblock to the south of this polygon, there are also portions of older cutblocks adjoining the boundary to this polygon in various locations. But generally the site is surrounded by mature timber. The timber within this stand is dominated by balsam fir at about 60%, the spruce component making up the remainder. The spruce here is healthy and susceptible. There are numerous creeks and drainages within.

Stand Susceptibility: Moderate to High

Access: 2WD

Other Considerations or Limiting Factors: easy access, riparian areas.

SUMMARY OF CURRENT INFESTATION:

Attack in this stand is currently very light and scattered. There are many healthy hosts present making the potential for spread very good. Most attack data collected is code five, there are however code ones throughout.

<i>Volume Healthy</i>	<i>Volume Year One Attack</i>	<i>Volume Year Two Attack</i>		<i>Volume Old Attack</i>	
377	7.1	0		19	
<i>Bark Sample Data (combined)</i>	<i>Entrance Holes</i>	<i>Adults</i>	<i>Larvae</i>	<i>Pupae</i>	<i>Young Adults</i>
	6	1	13	0	0



BEETLE PROBE CARD

DATE 00 f

LOCATION 476842-6128762		ELEVATION	LATITUDE	PAGE	OF						
BEARING 220	STRIP LINE NO 2	STRIP WIDTH 10m	DISTANCE 100	BEETLE SPECIES ☒ SB ☐ MPB ☐ OFB							
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	17									
25.1 - 30.0	5.3	22									
30.1 - 35.0	7.1	15									
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											
COMMENTS											
CREW NAMES: Moniska van der Stoep											
DATE: 15/11/06											

FS 1111A RFG 00/02 750681049 (100b6)



BEETLE PROBE CARD

LOCATION 476929-6128238		ELEVATION	LATITUDE	PAGE	OF						
BEARING 276	STRIP LINE NO 2	STRIP WIDTH 10m	DISTANCE 100m	BEETLE SPECIES ☒ SB ☐ MPB ☐ OFB							
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	17									
25.1 - 30.0	5.3	11									
30.1 - 35.0	7.1	11									
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											
COMMENTS: Bark sample											
CREW NAMES: Simon Tricoffe											
DATE: 15/11/06											

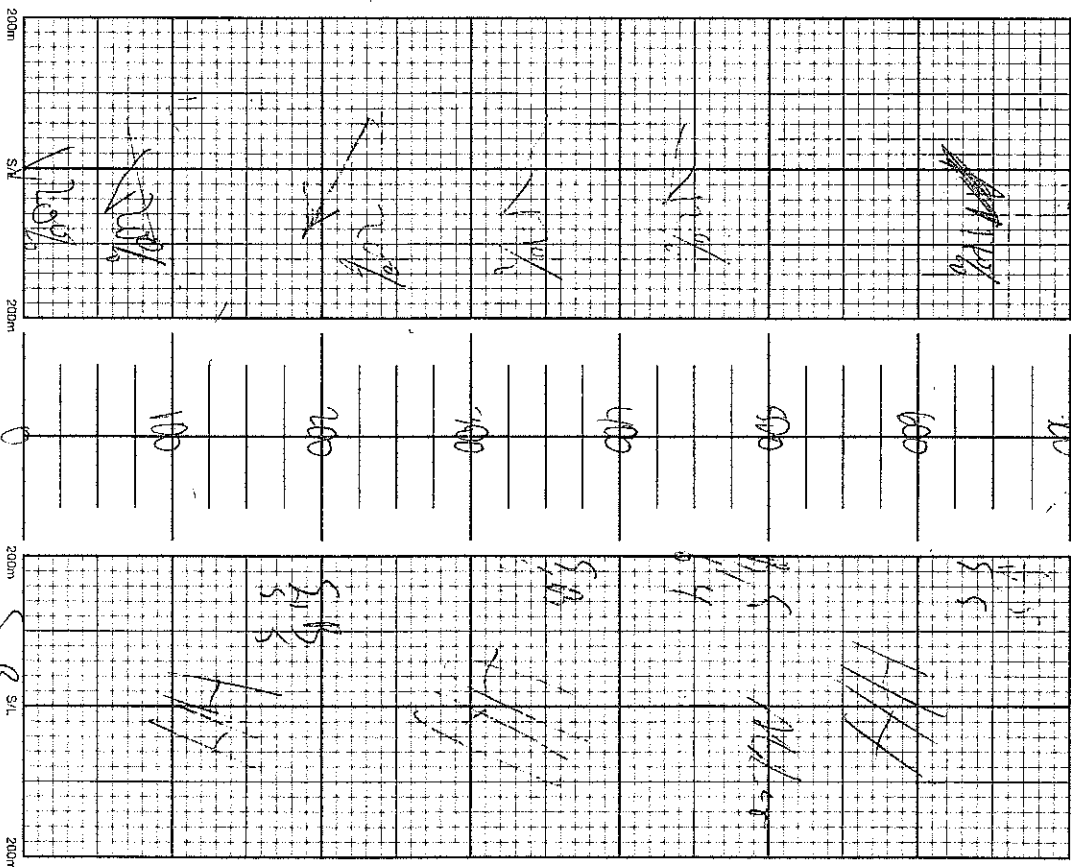
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BETTER PROBE CARD

8/6067

LOCATION		ELEVATION		LATITUDE		PAGE		OF		
2477-649-612849		10m		10m		1		1		
BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEEBLE SPECIES		OTHER TREE SPECIES				
247	2C1	10m	10m	☒ SB ☐ MPB ☐ DFB		MAIN ☒ OTHER				
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	7	8
12.5 - 17.4	2.0	1								
17.5 - 25.0	3.3	2								
25.1 - 30.0	5.3	3								
30.1 - 35.0	7.1	4								
35.1 - 40.0	9.4	5								
40.1 - 45.0	11.6	6								
45.1 - 50.0	13.8	7								
50.1 - 55.0	16.2	8								
55.1 - 60.0	18.7	9								
60.1 -	25.3	10								
TOTALS										
BARK SAMPLES	ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN				
15cm x 15cm						Attached	Unattached			
2	0	0	0	1	1					
3	0	0	0	1	1					
4	0	0	0	1	1					
5	0	0	0	1	1					
COMMENTS										
James Cansens										
CREW NAMES		DATE		Y		M		D		
		15/11/06								



STRIP NO.: 2478206
 DIRECTION: VLT
 START STRIP: 2478206
 JOB NO.: 90K90061A061
 DATE: NOV 6TH 2015
 CREW: SIMON - MCCARTHY
 REMARKS:
 www.itl supplies.com
 Ph: 1-800-653-6843

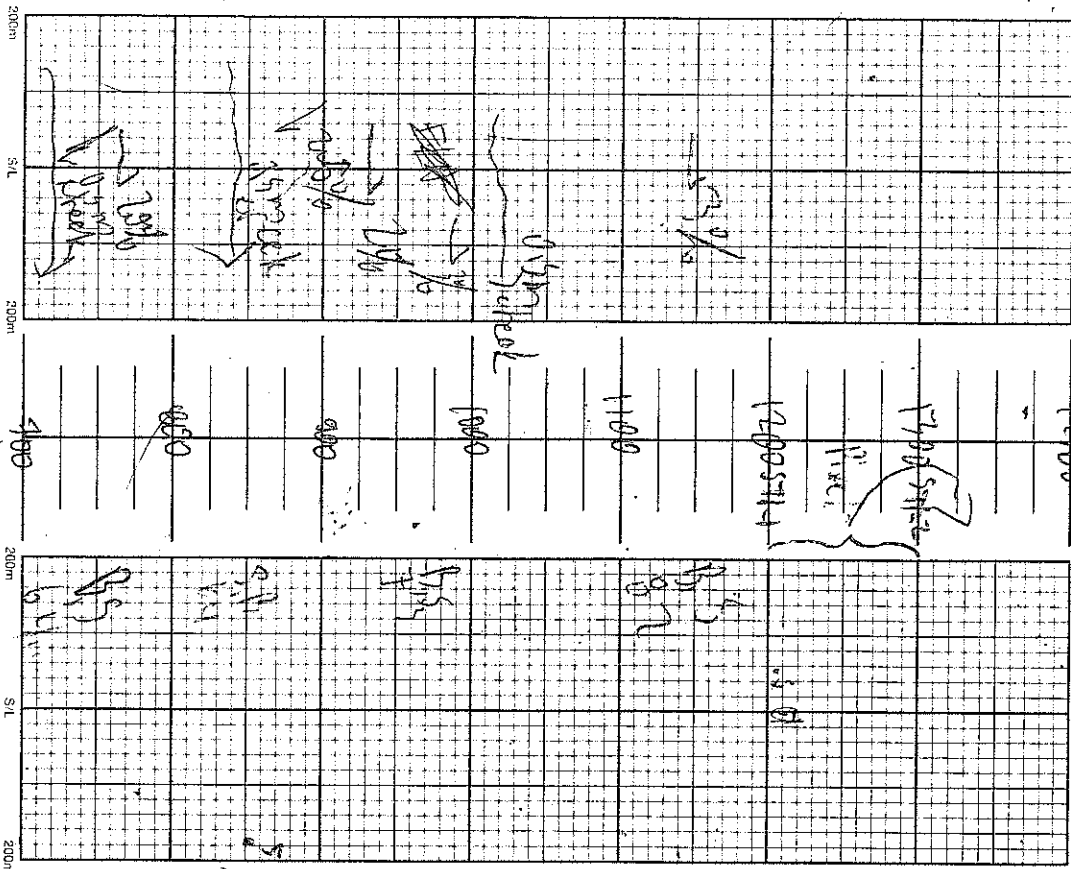


www.irlsupplies.com
Ph: 1-800-663-6843

TOPOGRAPHY

STRIP No. 111

TIMBER TYPE



STRIP NO.:
START STRIP:
JOB NO.:
CREW:
REMARKS:

DIRECTION:
DATE:

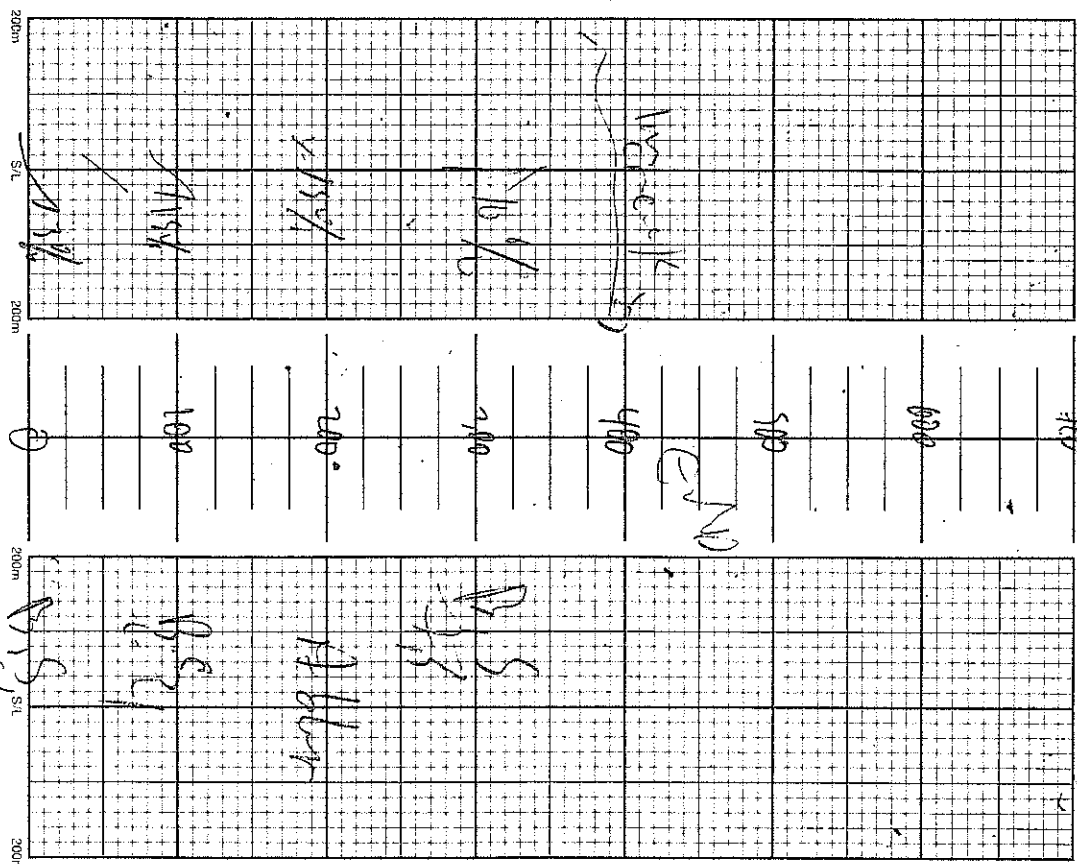


www.itisupplies.com
Ph: 1-800-653-6843

TOPOGRAPHY

STRIP No. 512

TIMBER TYPE

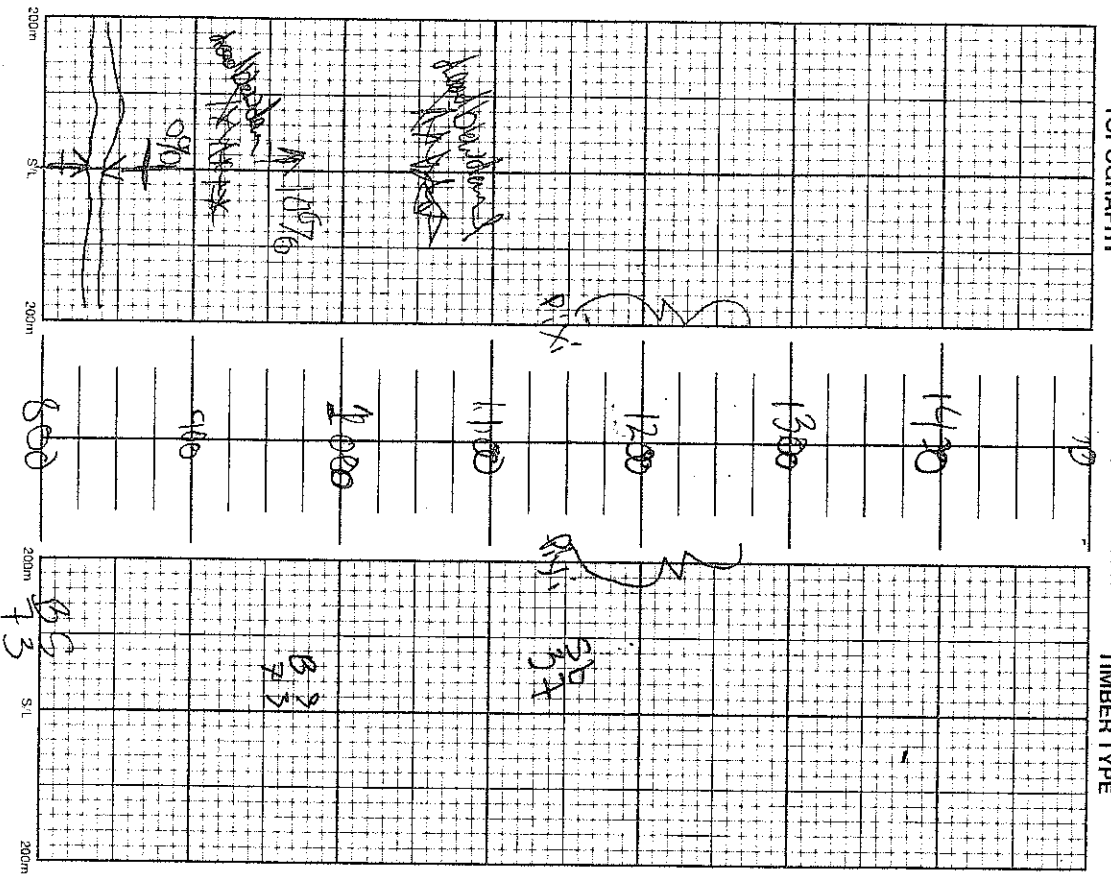


STRIP NO.: 512
START STRIP:
JOB NO.: 014066
DATE: NOV 6th 2015
CREW: Simon Turcotte
REMARKS:



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Ph: 1-800-653-6843

4500



STAMP NO.: 36 DIRECTION: _____

START STRIP: _____

JOB NO.: _____ DATE: _____

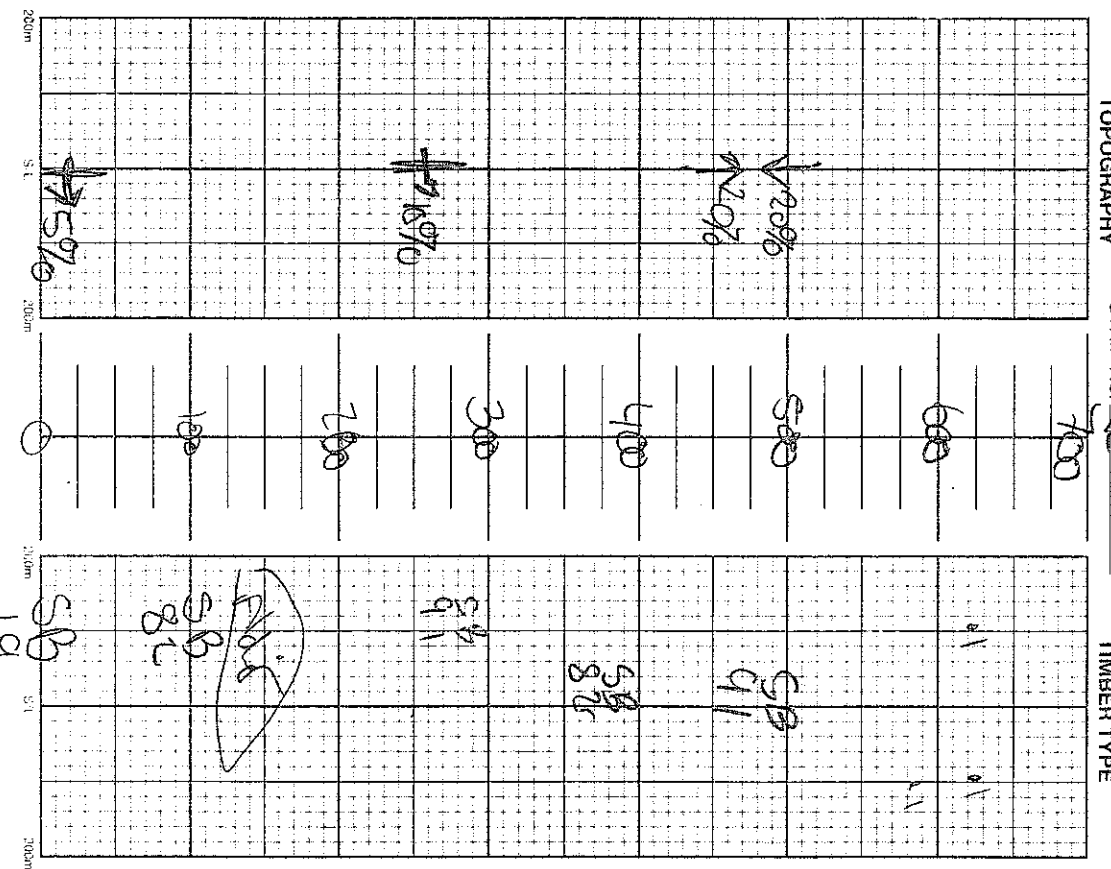
CREW: _____

REMARKS: _____



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Ph: 1-800-663-6843

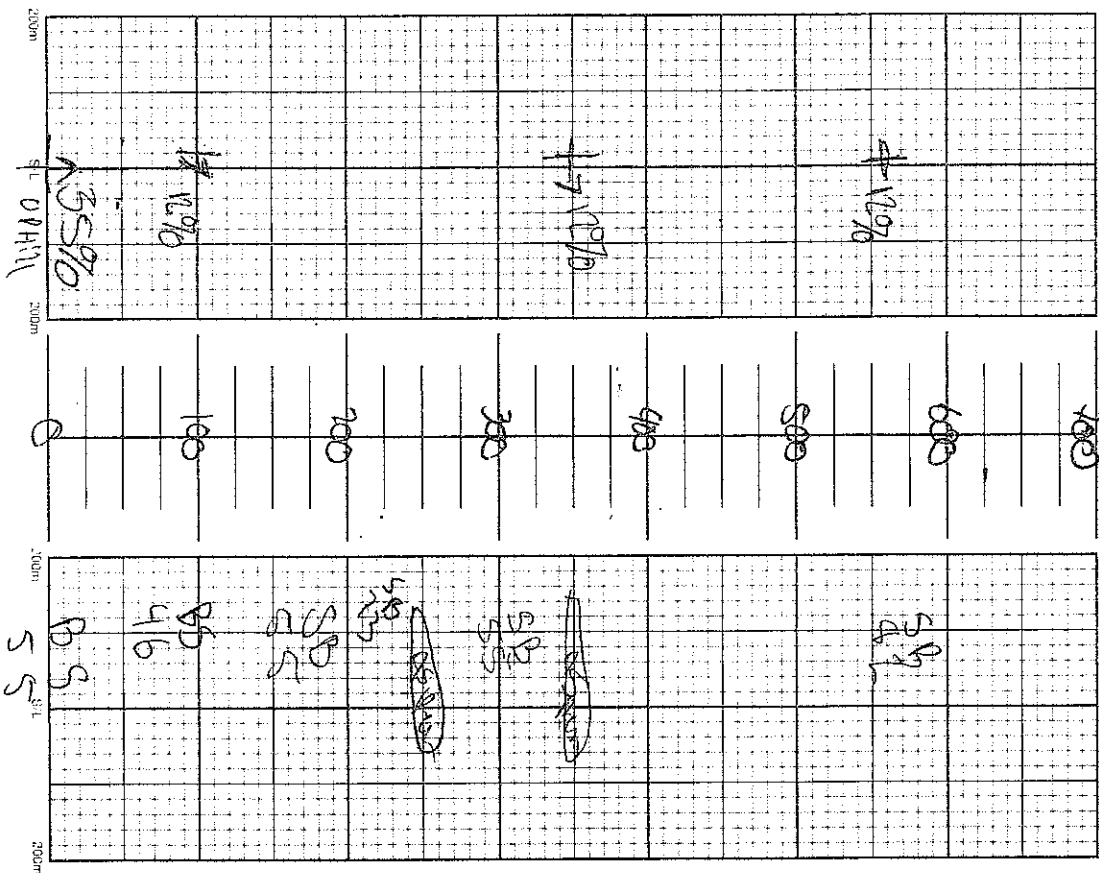
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STRIIP NO.: 262
DIRECTION: 314
START STRIP: 0476873-6128349
JOB NO.: DATE: 06/11/2015
CREW:
REMARKS:



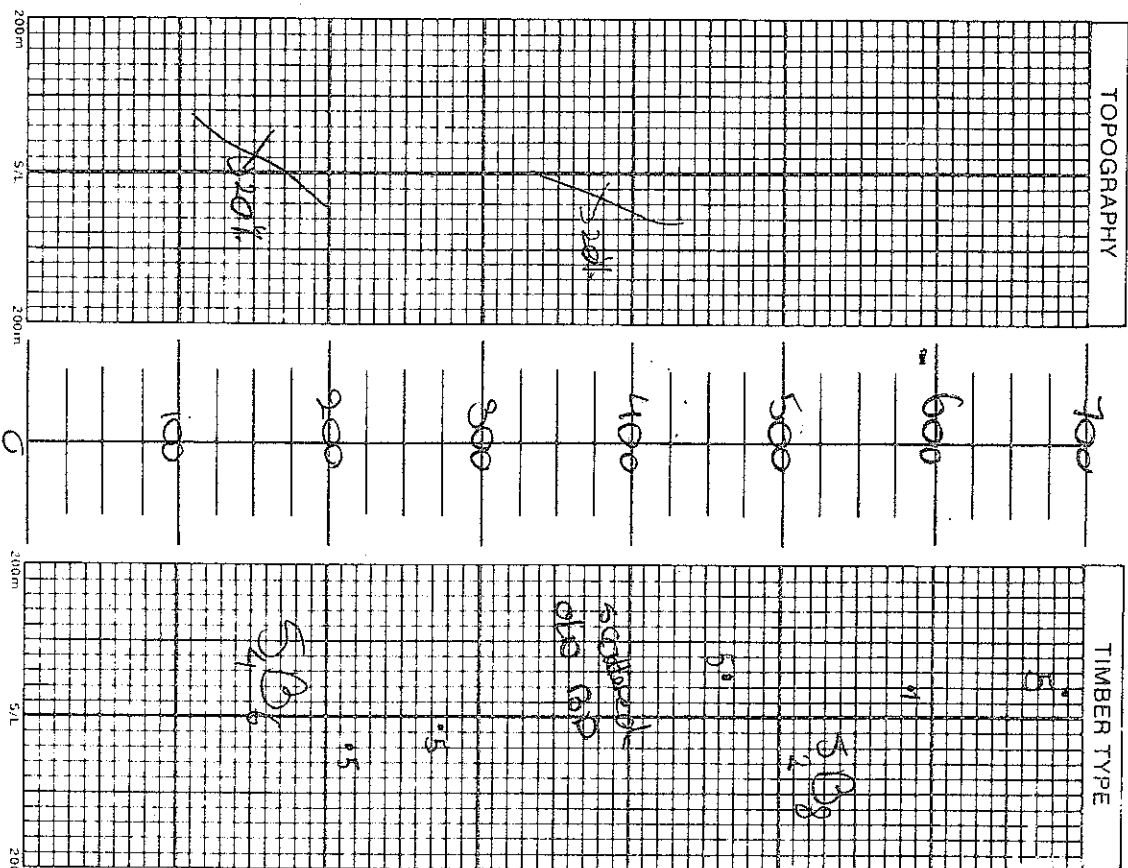
www.irtsupplies.com
Ph: 1-800-663-6843



STRIP NO: 261
DIRECTION: 297°
START STRIP: 0478217 - 6128366
JOB NO: F716DML006
DATE: 06/11/2015
CREW: James Cousins
REMARKS:



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



CP NO	81-1	BLOCK	B/A 06
DIRECTION	263	START OF STRIP	478905-6128 531
JOB NO	FL16DMK006	DATE	Dec 6 2015
CREW	Moiska van der Graaf		
REMARKS			

TOPOGRAPHY		TIMBER TYPE	
CP No	SL1 cont'd.	BLOCK	BIA 067
DIRECTION	263°	START OF STRIP	cont'd.
JOB NO	FH16 DMK 006	DATE	Nov 6 2015.
CREW	Mouiska van der Sijp.		
REMARKS			

TOPOGRAPHY		TIMBER TYPE	
CP No	SL2	BLOCK	BIA 067
DIRECTION	320°	START OF STRIP	476947-6128635
JOB NO	FH16 DMK 006	DATE	Nov 6 2015.
CREW	Mouiska van der Sijp		
REMARKS			

MINISTRY OF FORESTS

COMPASS AND TRAVERSE SHEET

TOPOGRAPHY

15 1/2%

200m

COMPASS AND TRAVERSE SHEET

15 1/2%

200m

TIMBER TYPE

15 1/2%

200m

CP No	562	BLOCK	BLA 067
DIRECTION	288	START OF STRIP	477282-6128474
JOB NO	FH16DMK 006	DATE	Nov 6 2015
CREW	Mariska van der Gorp		
REMARKS			

FS 375 VAL 89/07