

Spruce Bark Beetle Report 2015 Fall

2015-MOR-002

ADMINISTRATION

Polygon: MOR002 **Hectares:** 260.28 **Exact Location:** end of the Chichouyenily M/L
Walkthrough: 16500m **Number of Probe Pixels:** 7 **Date:** 2015.10.14 **Crew:** SRGI

STAND INFORMATION

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

This is a very large polygon found at the end of the Chichouyenily Creek M/L NW of the creek itself. Along its length, there are older cutblocks, mature timber, access roads and new development. The slope in the polygon ranges from 25-45% with a general SE aspect. While the species composition of the mature timber varies it is generally a higher component of spruce over balsam fir with some hardwoods mixed in at various locations. The dbh of the spruce averages 30-45cm, recent blowdown at the far south end is common. Access to this unit is reasonable, with abundant beaver activity on the main creek. Additional area outside the original polygon have been surveyed with similar descriptions to the above.

Stand Susceptibility: Very High

Access: 2WD

Other Considerations or Limiting Factors: major riparian area, access

SUMMARY OF CURRENT INFESTATION:

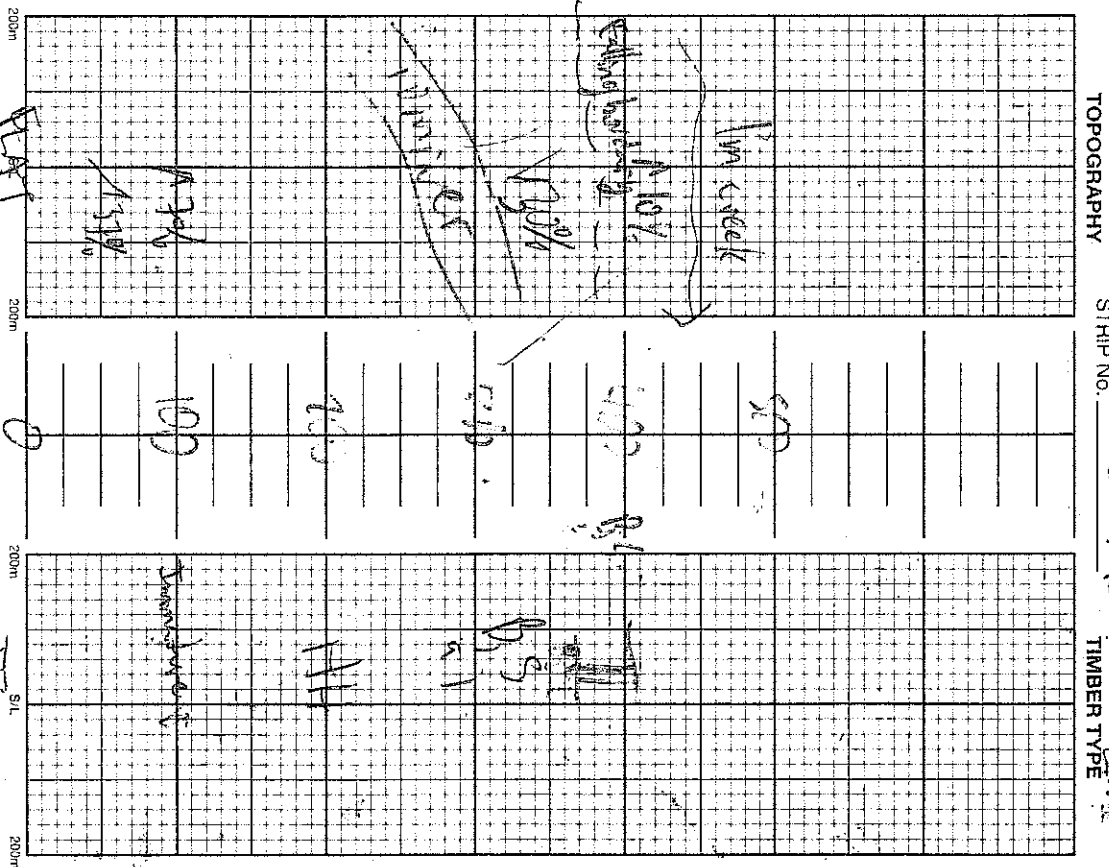
This unit has heavy to severe infestation throughout with reasonable opportunity for spread into adjacent mature stands. The majority of the attack is on a two year cycle though one year cycle populations are present. The additional areas surveyed due to the level of attack in the original polygon also contain current beetle populations and they should be treated along with the main polygon.

Volume Healthy	Volume Year One Attack	Volume Year Two Attack		Volume Old Attack	
218.2	669.1	12.4		224.5	
Bark Sample Data (combined)	Entrance Holes	Adults	Larvae	Pupae	Young Adults
	37	23	74	1	12



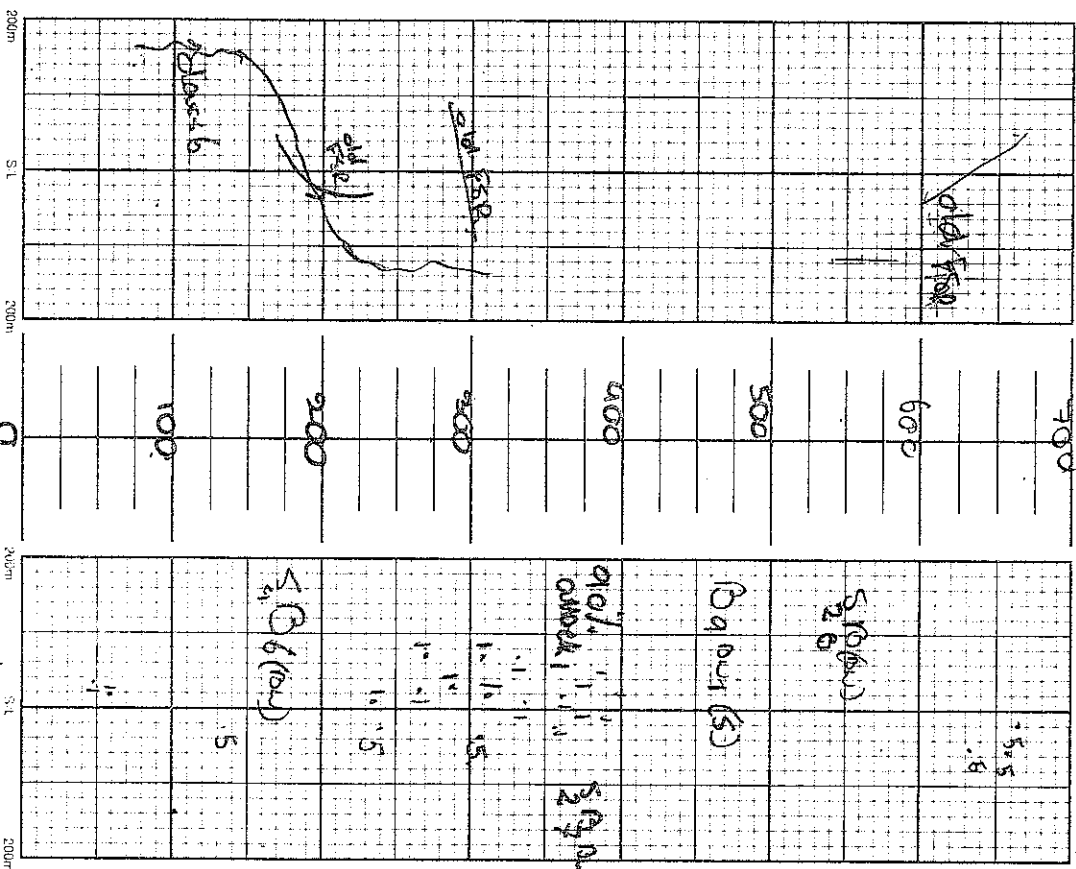
BETTER PROBE CARD

LOCATION		ELEVATION		LATITUDE		PAGE		
494014, 6130523						OF		
BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES		OTHER TREE SPECIES		
30°		100m		☒ SB	☐ MPB	☐ DFB		
DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK			MAIN	OTHER	
12.5 - 17.4	2.0		1	2	3	4	5	6
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	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN		
15cm x 15cm						Attached	Unattached	
2	4	1	5	0	6			
6	3	2	4	0	8			
COMMENTS: Bark sample tree								
CREW NAMES		DATE						
Mariska van der Slop		15/11/16						



START STRIP: _____
JOB NO: 0406160002 DATE: NOV. 16th 2015
CREW: Simon Twiddle
REMARKS: _____
www.hsjsupplies.com
Ph: 1-800-653-6843

TIMBER TYPE



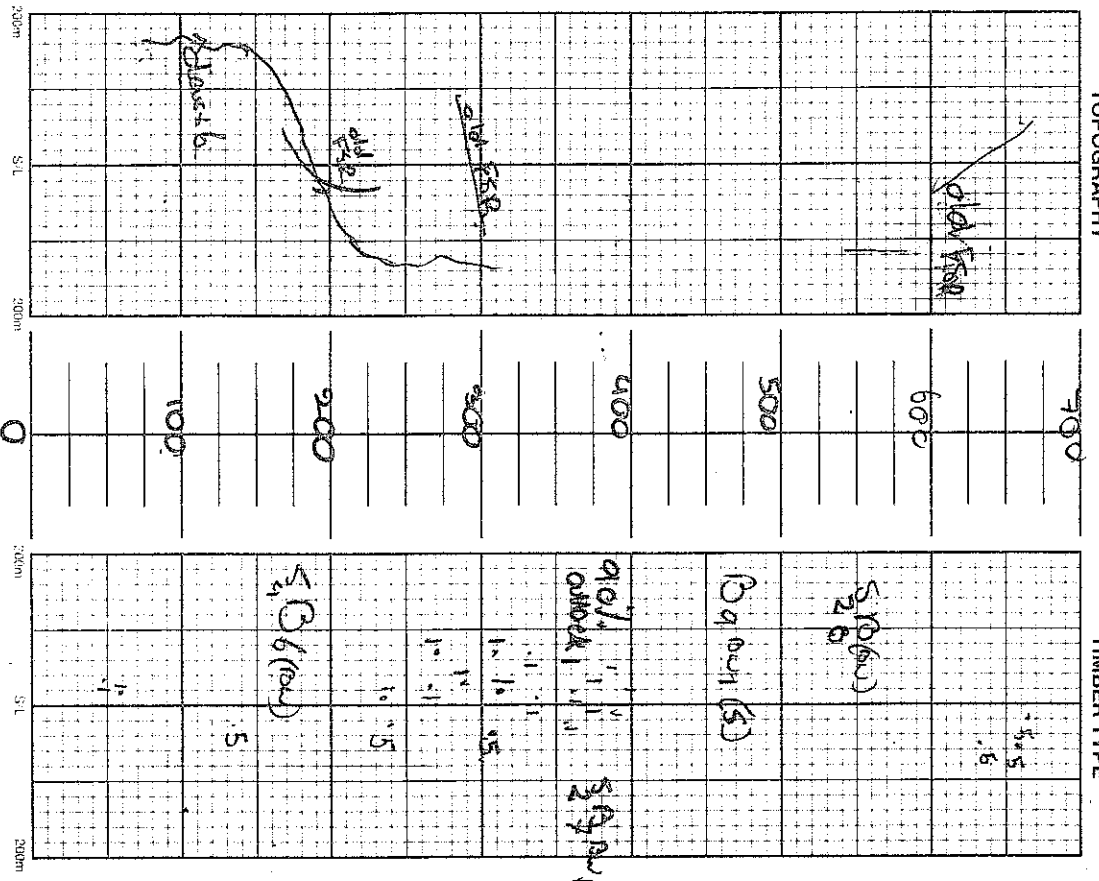
Ph: 1-800-663-6843
www.irisupplies.com

Section of map 002

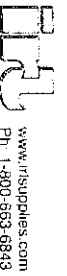
TOPOGRAPHY

STRIP No. 1

TIMBER TYPE



STRIP NO.: 1
 START STRIP: 499282 - 6130703
 JOB NO.: FH16DMK006
 DATE: Dec 10 2015
 CREW: Moriska van der Stap
 REMARKS:

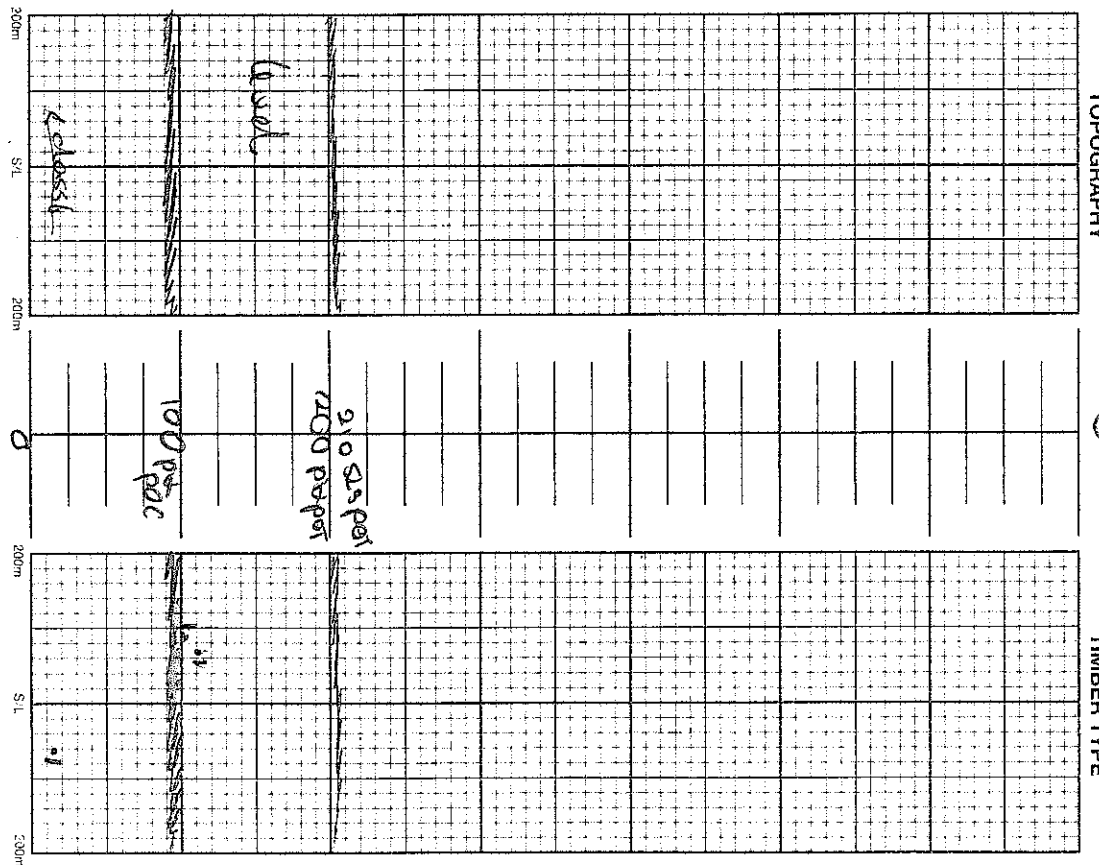


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 Ph: 1-800-663-6843

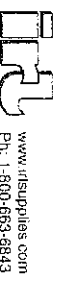
TOPOGRAPHY

STRIP No. 3

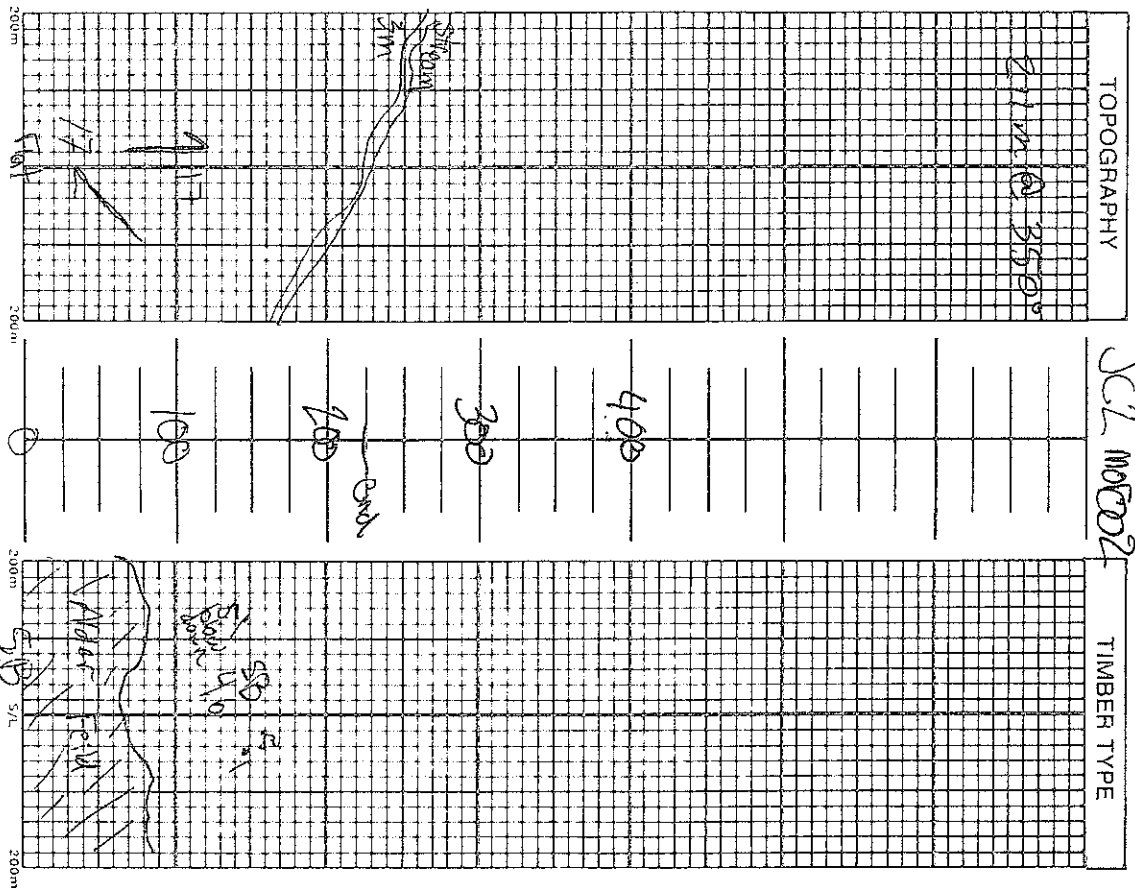
TIMBER TYPE



STRIP NO.: 3
 START STRIP: 498962 - 6130416
 JOB NO.: FH16DMK006
 DATE: Dec 10 2015
 CREW: Moriska van der Stap
 REMARKS:

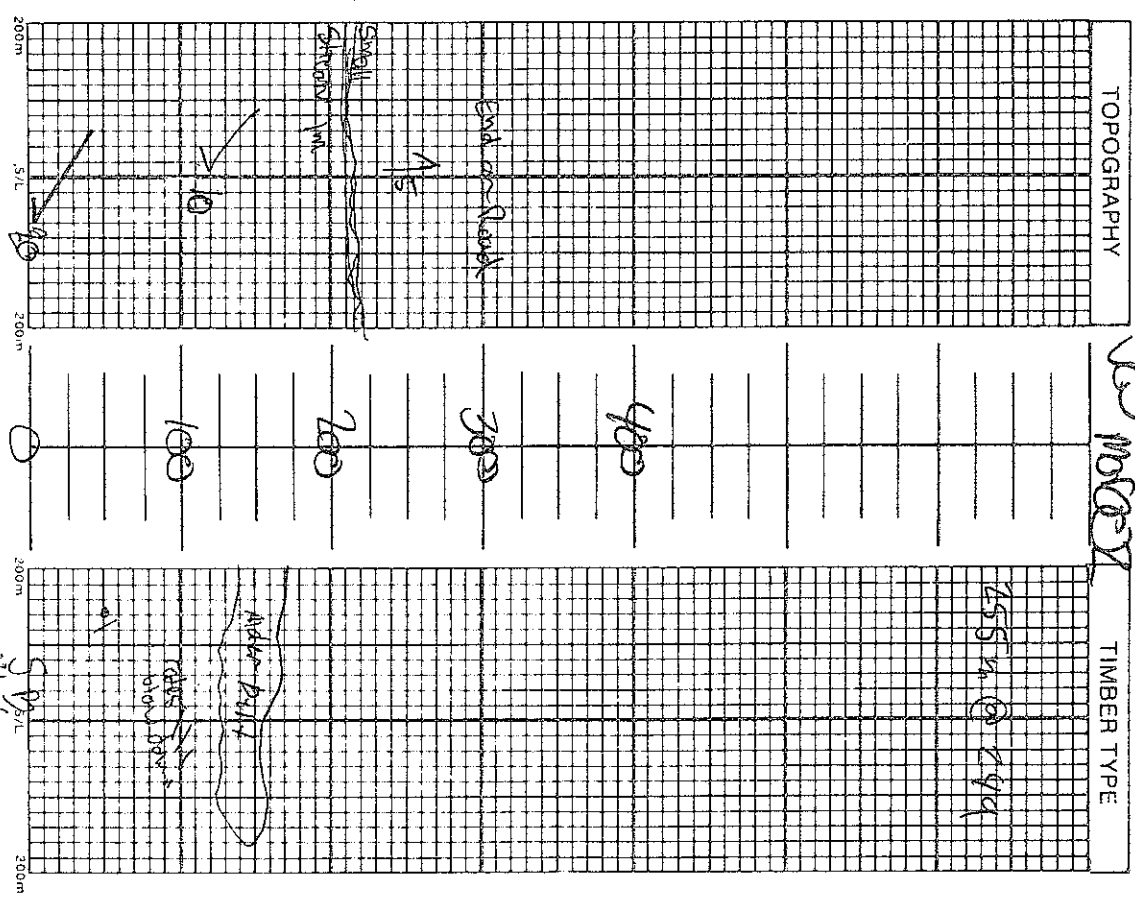


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C.P. NO	JC2	BLOCK	M65002
DIRECTION	START OF STRIP		
JOB NO	FH16 PMK 006	DATE	10-11-2015
CREW			
REMARKS			

FS 375 VAL 8807



C.P. NO	JC3	BLOCK	M65002
DIRECTION	START OF STRIP		
JOB NO	FH16 PMK 006	DATE	10-11-2015
CREW			
REMARKS			

FS 375 VAL 8807

CP No	SCI	BLOCK	Moscow
DIRECTION		START OF STRIP	
JOB NO	F1116 DMK006		DATE
CREW	James Coosing		
REMARKS			