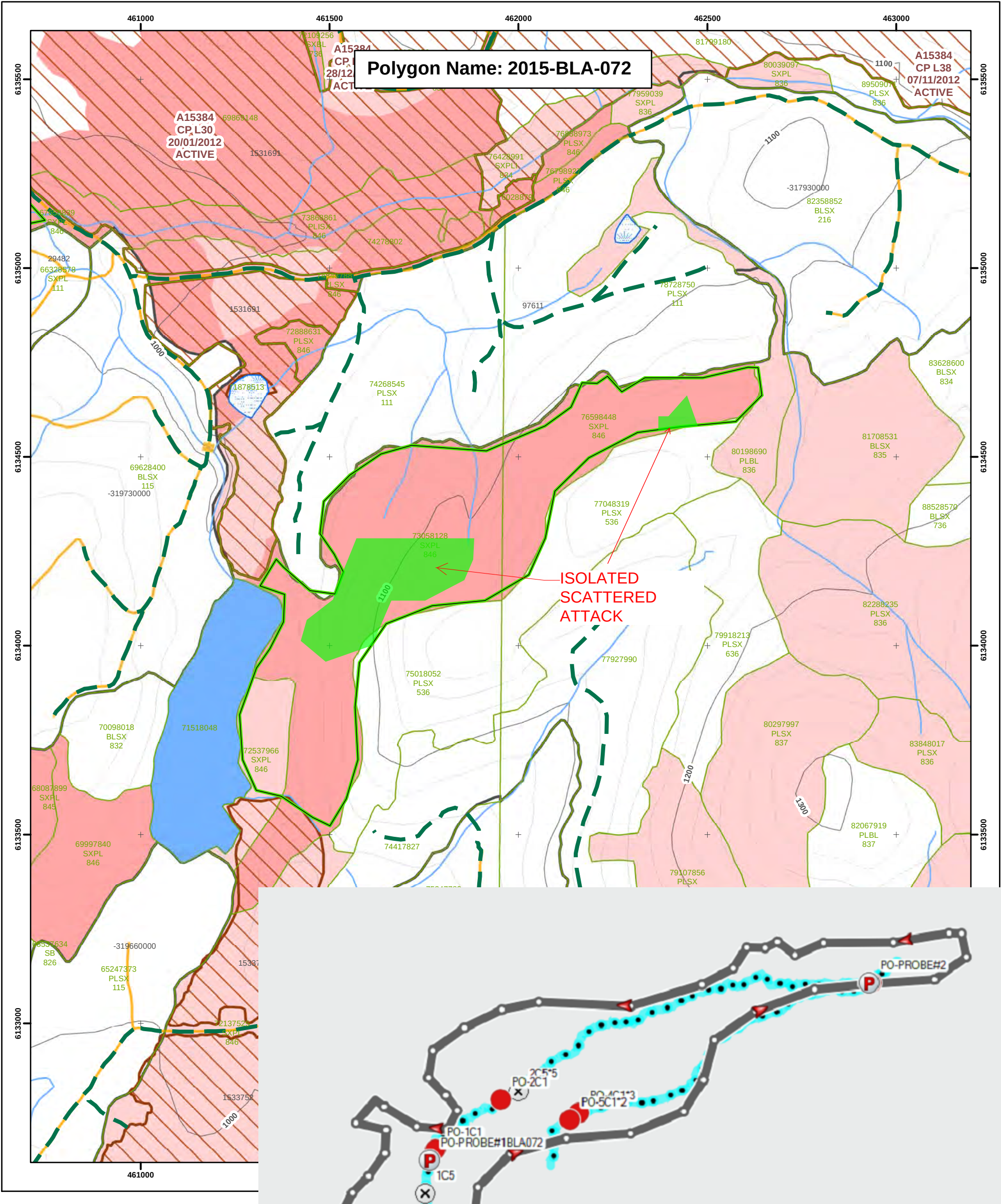
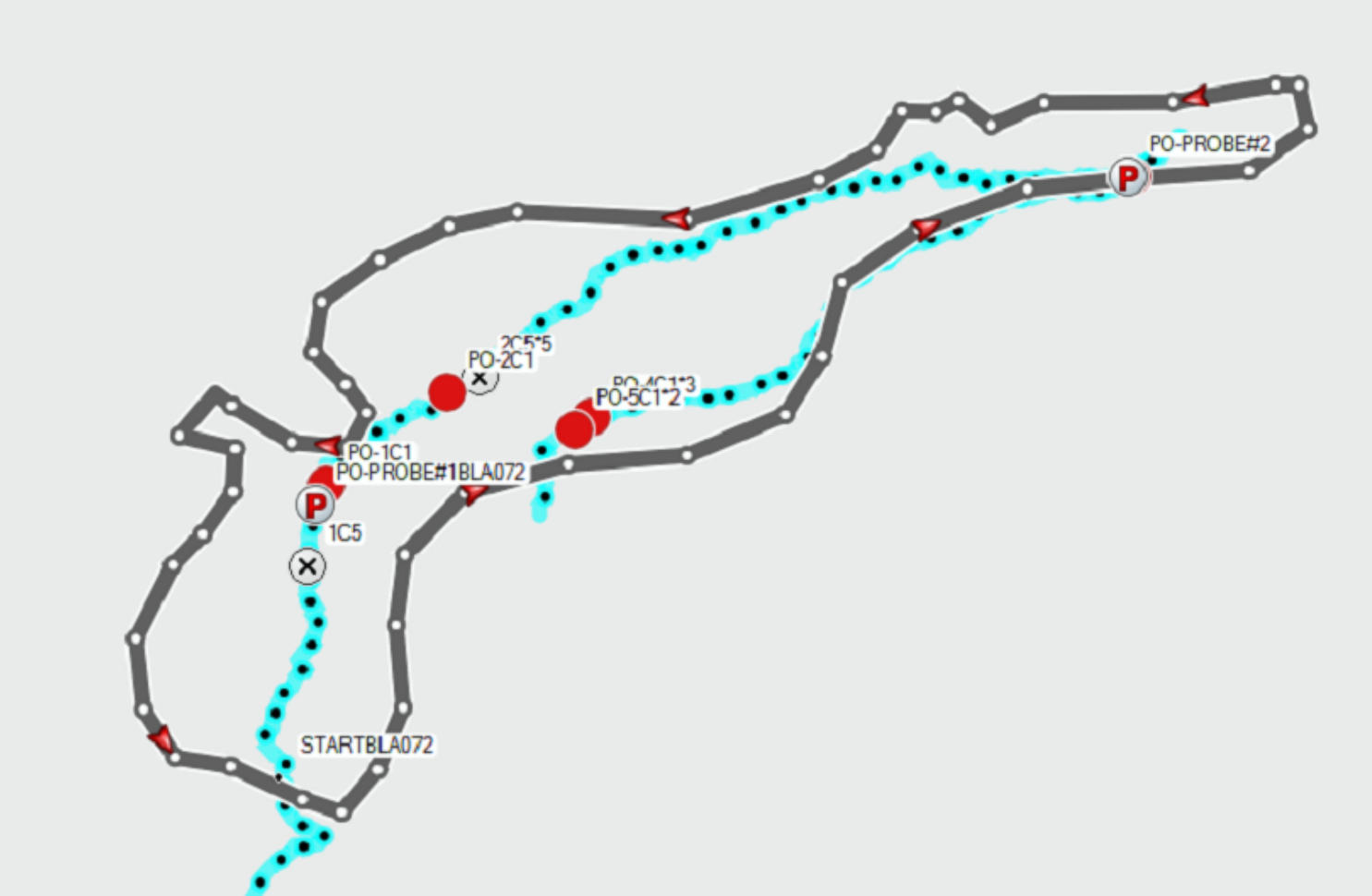
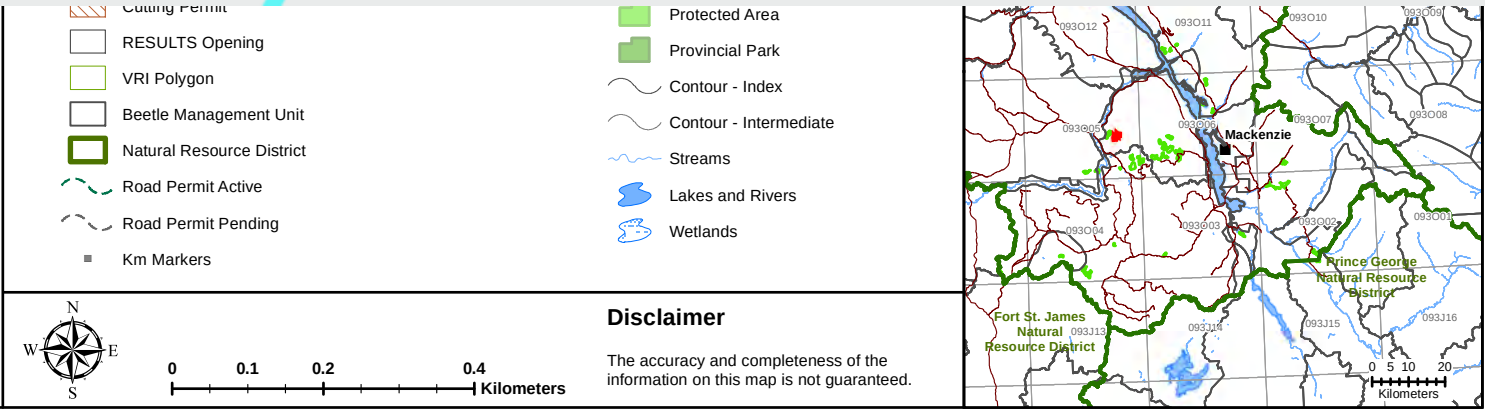




Ministry of
Forests, Lands and
Natural Resource Operations

Spruce Bark Beetle Field Map

Polygon Name: 2015-BLA-072

Landscape Unit/BMU:	Blackwater
Region:	Omineca
District:	Mackenzie
Mapsheet:	093O05
Hectares:	46.88
Scale:	1:10,000
When plotted on 11x17	
Coordinate System:	NAD 1983 UTM Zone 10N
Datum:	North American 1983
Date Drawn:	03/12/2015
Drawn By:	msnively

**SENECA ENTERPRISES LTD.**

PO BOX 1902, PRINCE GEORGE, BC, V2L 5E3

Phone: (250) 561-0890, Fax: (250) 564-3275

**SPRUCE BARK BEETLE REPORT
FH16DMK016,017**

POLYGON: 2015-BLA-072

HECTARES:

46.88

WALKTHROUGH DISTANCE: 2500

ESTIMATED INFESTED PIXELS FROM
WALKTHROUGH (Code 1-4)

3 12.0%

SUMMARY OF CURRENT INFESTATION

Walkthrough estimate shows 12% of polygon has recent Code 1 attack, mixed amongst older Code 5 attack. Attack is very scattered throughout polygon, and can be separated within an area in the middle of the polygon. Heavier attack found to the east on Polygon 2015-BLA-072 and any plans could group the 2 together. Minimal risk of spread outside of polygon.

MODERATE SCATTERED ATTACK.

ACCESS

Access to South is via sled, parked at 22km Nation FSR, sled in 5km. May be alternate access from the north on old cutblock roads and going by 2015-BLA-071

POLYGON FEATURES (Topography, Terrain, Timber Types, Age)

Polygon has 25% slope in areas with majority being flat. 50/50 Spruce Balsam.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Polygon has 10% infested pixels scattered throughout. Light scattered attack mixed amongst old code 5 attack.

INCIDENCE AND SEVERITY OF ATTACK

2 probe lines show a sanitation rating of around 600 taken where attack found. Patchy attack scattered.

RISK OF BEETLE SPREAD

Polygon is surrounded by cutblocks and light areas of spruce and has a low risk of spread outside the polygon.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

Access was via sled from the south. Maybe alternative access to the north on old cutblock roads beside 2015-BLA-071, Minimal slopes and drainages.

RECOMMENDATIONS**OPTION 1****TRAP TREES**

Isolated scattered attack but should schedule with plans for nearby 2015-BLA-071. If laying trap tree trails on that one, could also place a couple within this polygon to capture and 2016 flights.

OPTION 2**MONITOR/ PROBE**

Again schedule with plans for 2015-BLA-071 and if harvesting, Schedule another walkthrough to determine further extent of spread in 2017.

2015-BLA-072

SPRUCE BEETLE WALKTHROUGH

Legend

- MOD/ HEAVY ATTACK
- PROBE LINES

Google earth

© 2016 Google
Image Landsat





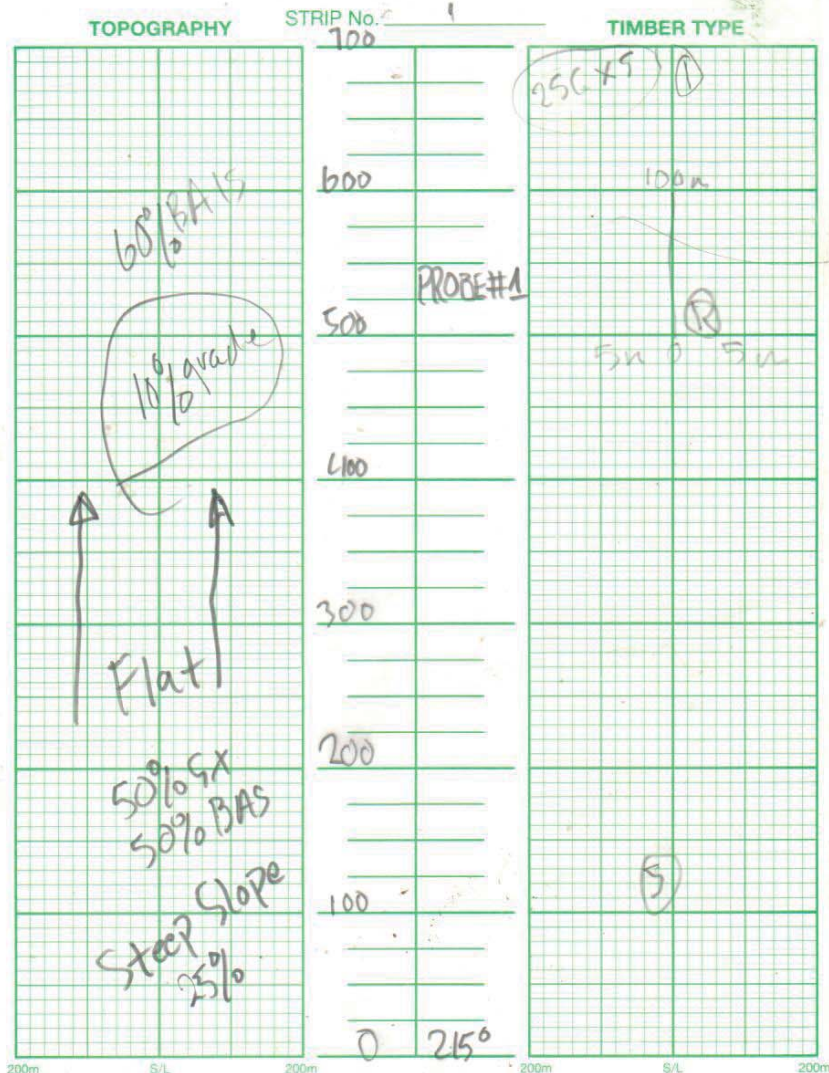
BEETLE PROBE CARD

LOCATION		BIA-072		ELEVATION	LATITUDE		PAGE	OF		
BEARING		STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES					
00°		1	10m	100m	☐ 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		2	1							16
BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN				
						Attacked	Unattacked			
1A	/	/	7	/	3	/	/			
1B	/	/	10	/	1	/	/			
COMMENTS										
CREW NAMES						DATE				
PAT Poirier						16 02 25				



BEETLE PROBE CARD

LOCATION		BIA-072		ELEVATION	LATITUDE		PAGE	OF		
BEARING		STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES					
40°		2	10m	100m	☐ 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		2	1							10
BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN				
						Attacked	Unattacked			
2A	9	/	4	/	1	/	/			
2B	1	/	3	/	1	/	/			
COMMENTS										
CREW NAMES						DATE				
PAT Poirier						16 02 25				



STRIP NO.: 1 DIRECTION: 215°

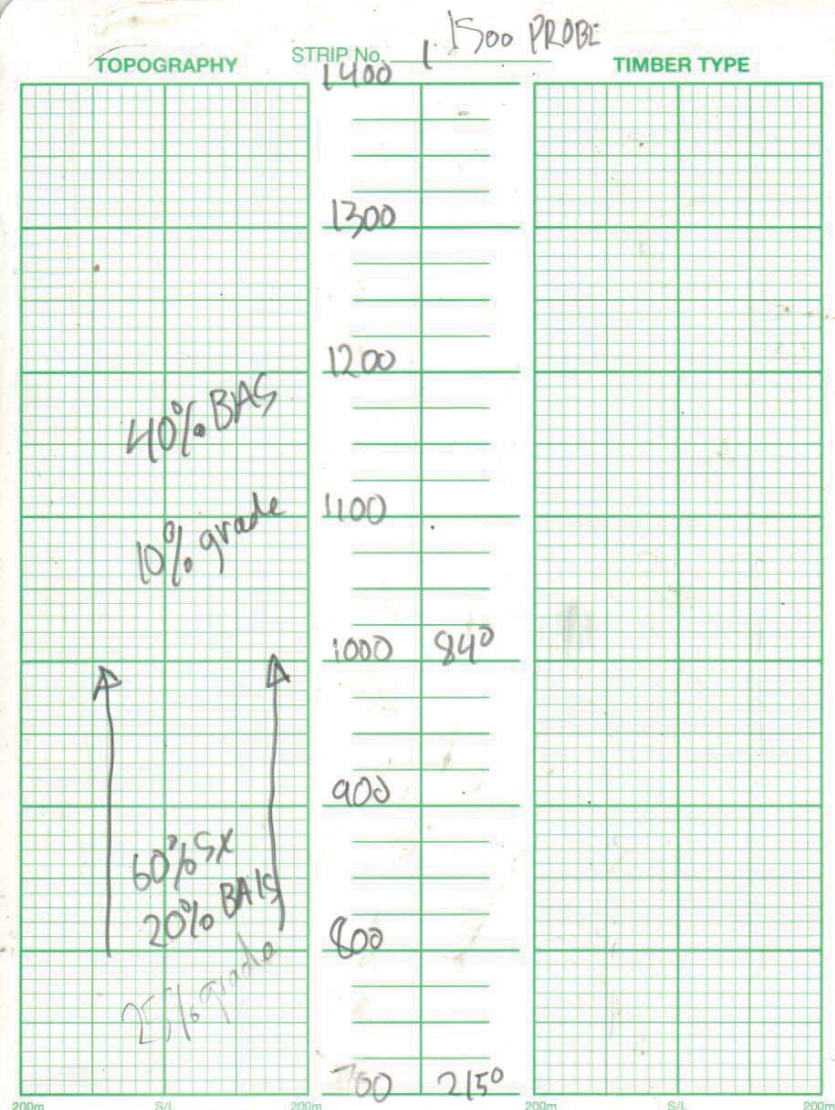
START STRIP: 0-700

JOB NO.: BIA-012 DATE: Feb 25, 16

CREW: Pat Poirier

REMARKS:

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Ph: 1-800-663-6843



STRIP NO.: 1 DIRECTION: 215°, 84°

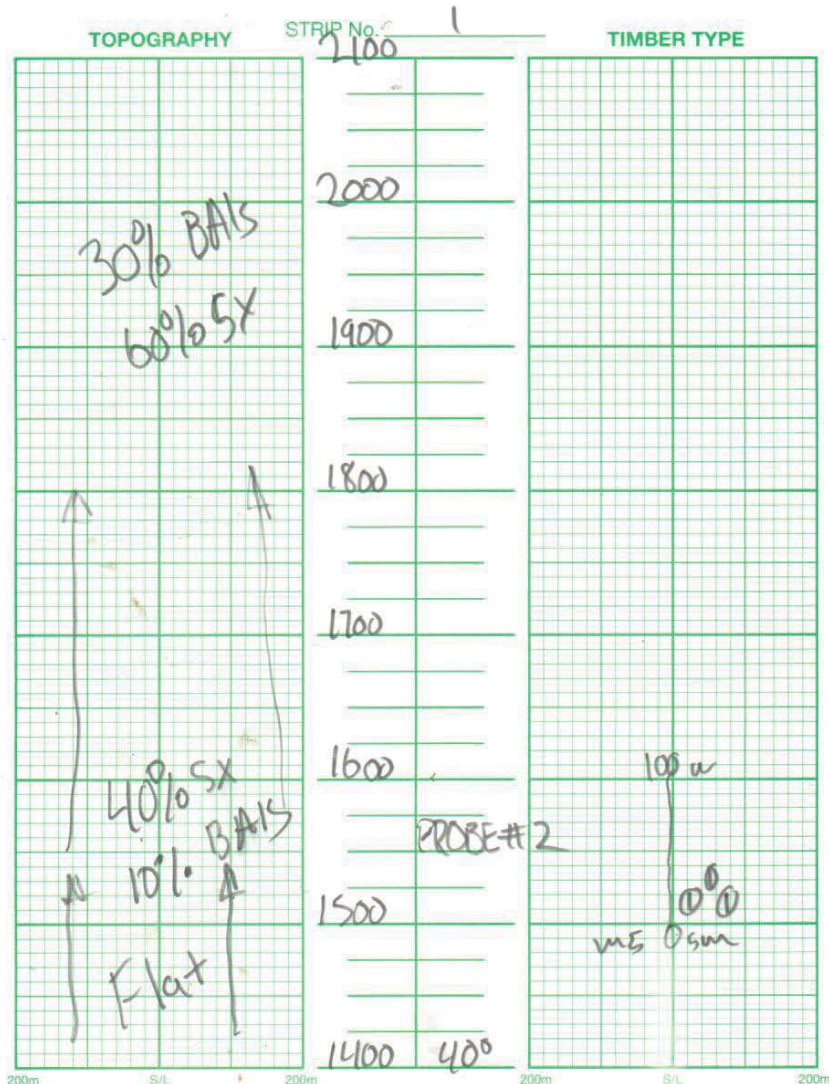
START STRIP: 700-1400

JOB NO.: BIA-012 DATE: FEB 25, 16

CREW: Pat Poirier

REMARKS:

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STRIP NO.: 1 DIRECTION: 40°

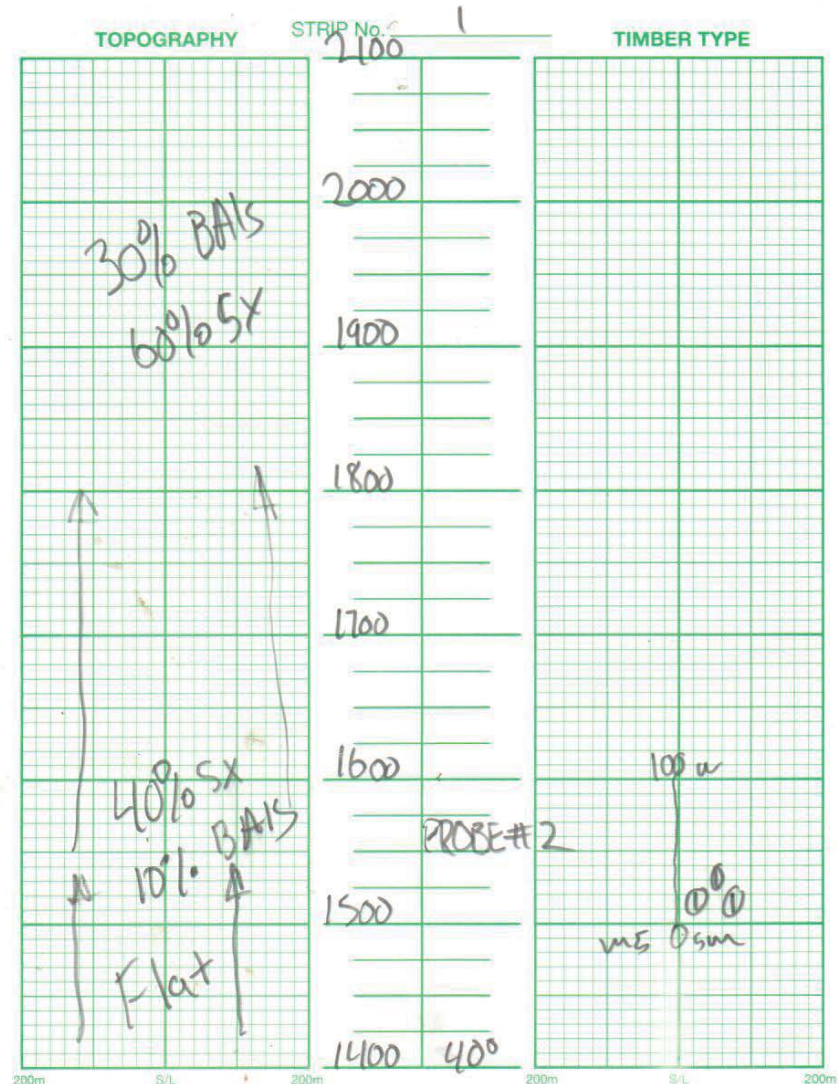
START STRIP: 1400-1500

JOB NO.: BIA 072 DATE:

CREW: Pat Poinier

REMARKS:

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Ph: 1-800-663-6843



STRIP NO.: 1 DIRECTION: 40°

START STRIP: 1400-1500

JOB NO.: BIA 072 DATE:

CREW: Pat Poinier

REMARKS:

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

TIMBER TYPE

<p><u>END POINT</u></p> <p>10% slope</p> <p>25% BAS</p> <p>40% SX</p>	<p>2500</p> <p>2400</p> <p>2300</p> <p>2200</p> <p>400</p>	<p>255°</p> <p>40°</p>
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STRIP NO.: 1 DIRECTION: 40°, 255°
START STRIP: 2100 - 2500
JOB NO.: BIA-072 DATE: FEB 25, 16
CREW: Pat Poivier
REMARKS:

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