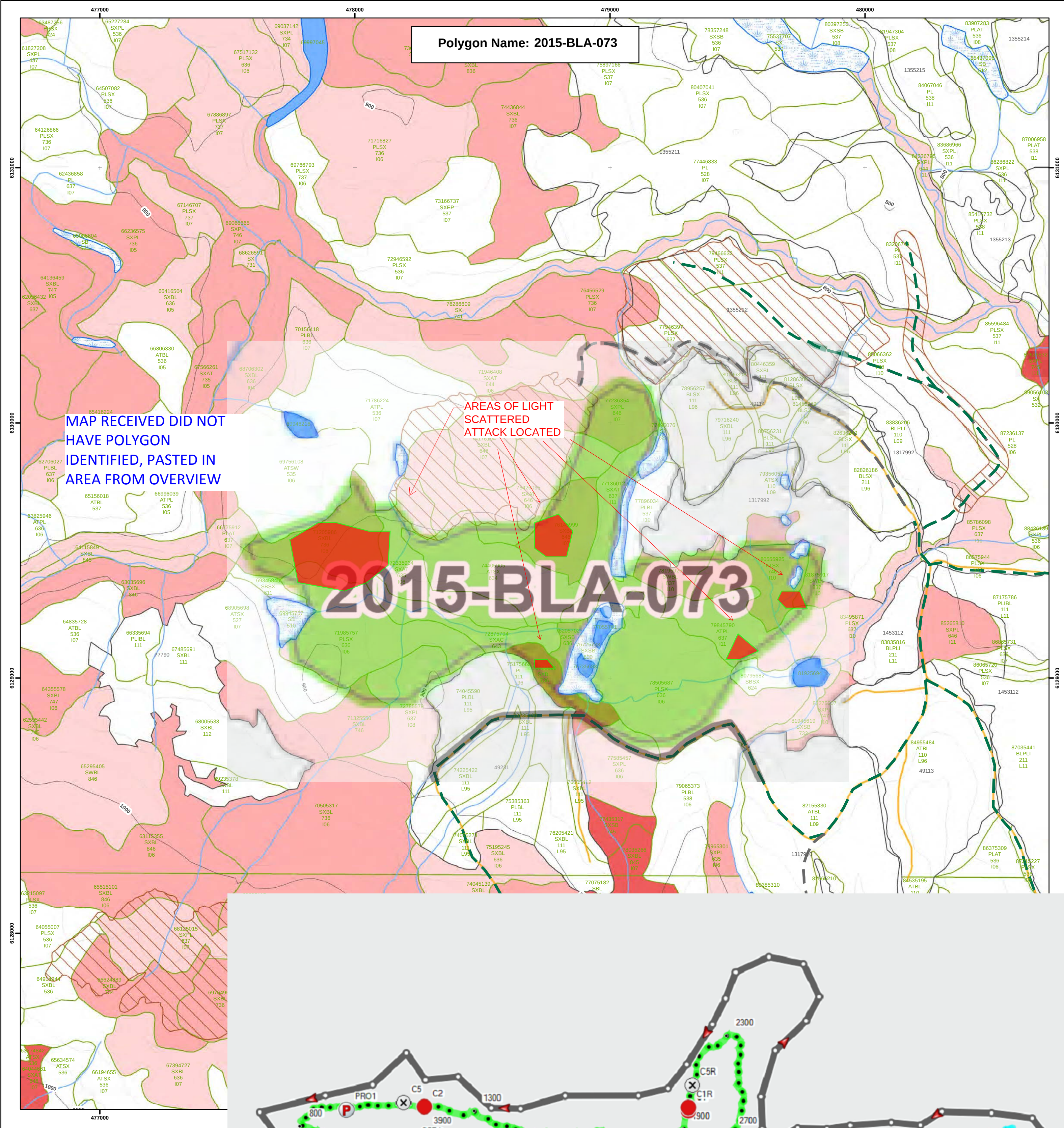






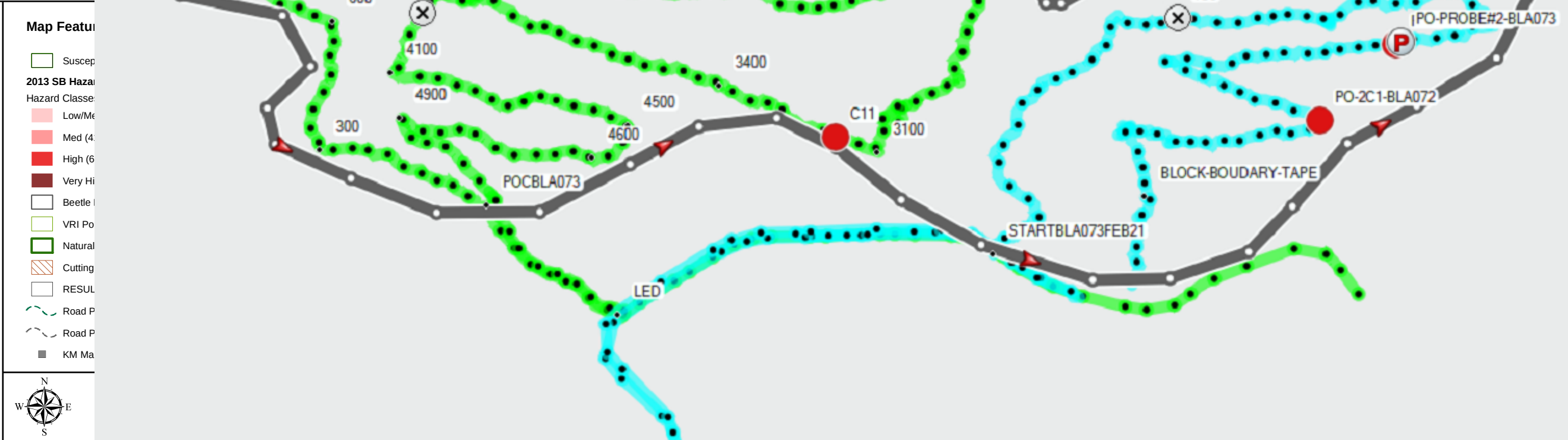
Ministry of
Forests, Lands and
Natural Resource Operations

Spruce Bark Beetle Field Map

Polygon Name: 2015-BLA-073

Landscape: Blackwater
Unit/BMU: Omineca
Region: Mackenzie
District: 093006
Mapsheet: 132.06
Hectares: 1:10,000
Scale: 1:10,000
When plotted on ANSIC

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

WALKTHROUGH DISTANCE: **7900****SPRUCE BARK BEETLE REPORT
FH16DMK016,017**POLYGON: **2015-BLA-073** HECTARES: **132.06**ESTIMATED INFESTED PIXELS FROM
WALKTHROUGH (Code 1-4) **7 8.9%****SUMMARY OF CURRENT INFESTATION**

Walkthrough estimate shows less than 10% of polygon has recent Code 1 attack, mixed amongst older Code 5 attack. Attack is very scattered throughout polygon. Scattered yet a little more concentrated attack can be found to the west. To the south of is Polygon 2015-BLA-070 and any plans could group the 2 together. Minimal risk of spread outside of polygon very scattered

LIGHT SCATTERED ATTACK**ACCESS**

Access to south of Polygon via sled 4 km to the south of Polygon. Truck parked at 7km on TESDEKA FSR

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

75% spruce, 25% balsam with some dead pine scattered in area. Polygon is just north of Polygon 2015-BLA-070 after a cutblock.

SIZE, BOUNDARY and PATTERN OF INFESTATION

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

INCIDENCE AND SEVERITY OF ATTACK

1 probe line shows sanitation rating as heavy but taken in area mostly infested to the west (Still only 1 code 1 found in probe, 1 code 5)
Rest of polygon isolated scattered attack.

RISK OF BEETLE SPREAD

Polygon is surrounded by cutblocks and is just north of 2015-BLA-070

ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

Access through cutblocks via sled. May be alternative access through other cutblocks but nothing closer. Drainages throughout polygon with wet areas.

RECOMMENDATIONS**OPTION 1****MONITOR/ WALKTHROUGH**

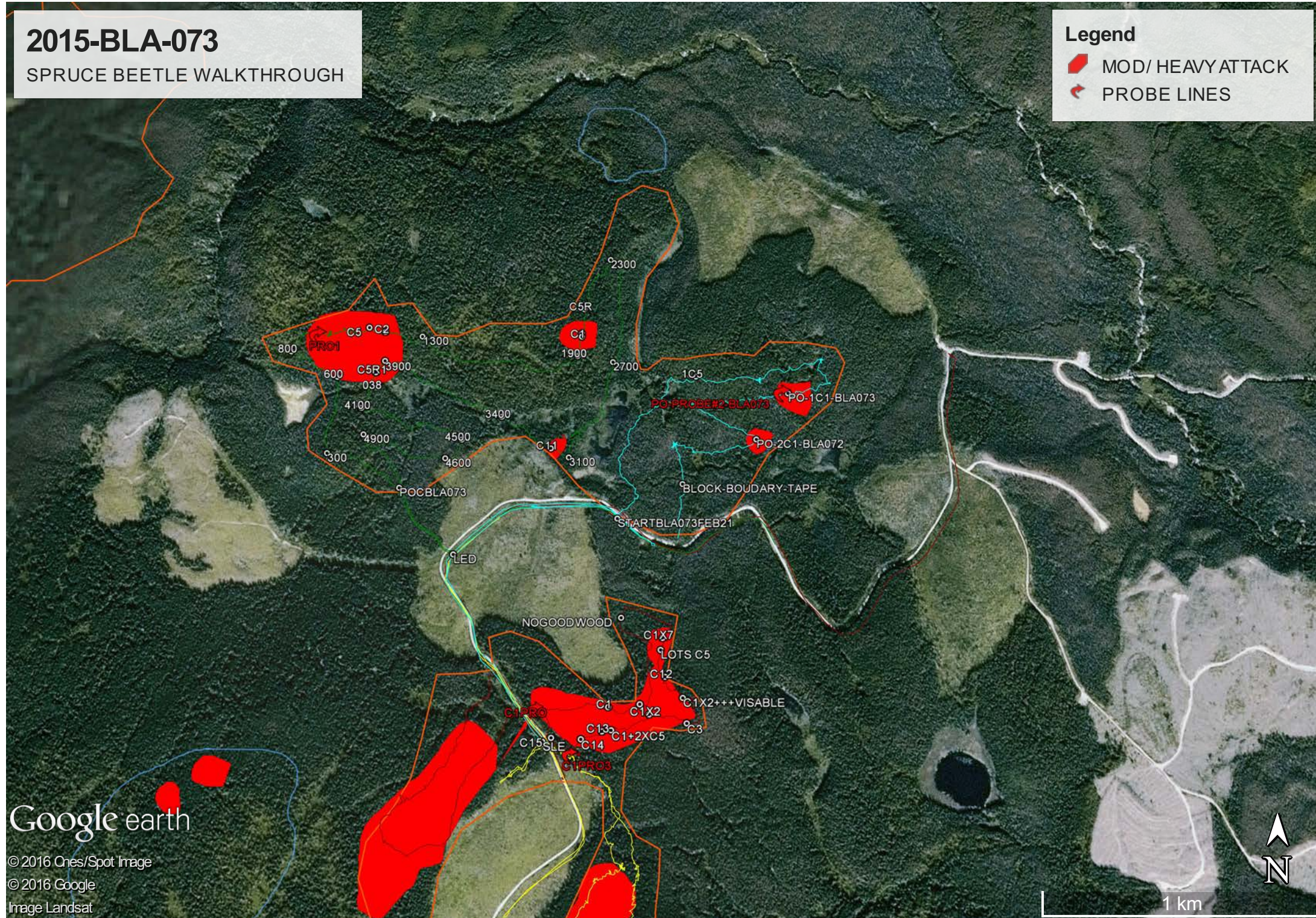
Again schedule with plans for 2015-BLA-070 and if harvesting or trap trees there, Schedule another walkthrough to determine further extent of spread in 2017. Light scattered attack

OPTION 2**TRAP TREES**

Isolated scattered attack but should schedule with plans for nearby 2015-BLA-070. If laying trap tree trails on that one, could also place a couple within this polygon to capture any 2016 flights.

SPRUCE BEETLE WALKTHROUGH

MOD/ HEAVY ATTACK
PROBE LINES





BRITISH
COLUMBIA



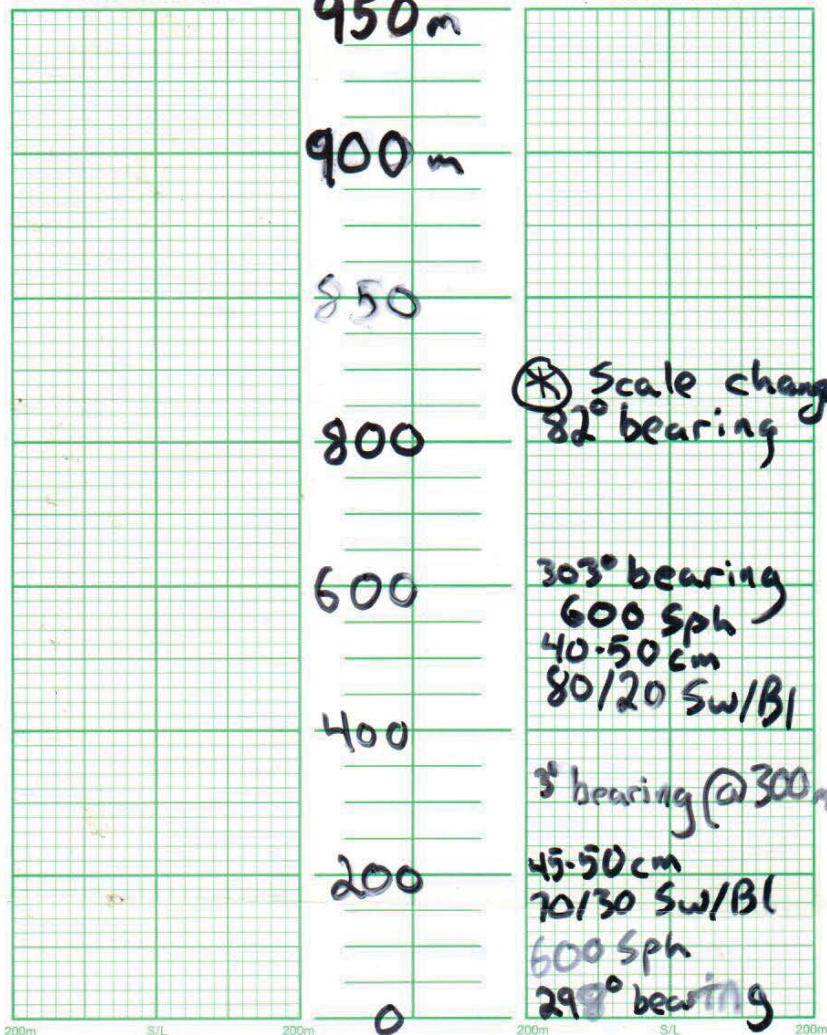
BEETLE PROBE CARD

LOCATION 104 Blg-073 61295217830		ELEVATION 919	LATITUDE	PAGE	OF						
BEARING	STRIP LINE NO Probe	STRIP WIDTH 10m	DISTANCE 950	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									Bl	Pi
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		20	1				1		2	2	
BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN					
						Attacked	Unattacked				
North			7								
South			10								
COMMENTS O - Bark sample											
CREW NAMES Aaron C.					DATE Y M D 2016 02 21						

TOPOGRAPHY

STRIP No.

TIMBER TYPE



STRIP NO.:

DIRECTION:

START STRIP:

JOB NO.:

CREW:

REMARKS:

10 u 0478 127 6128128
Bla-073
Aron C.

298°
Feb 21st, 2016

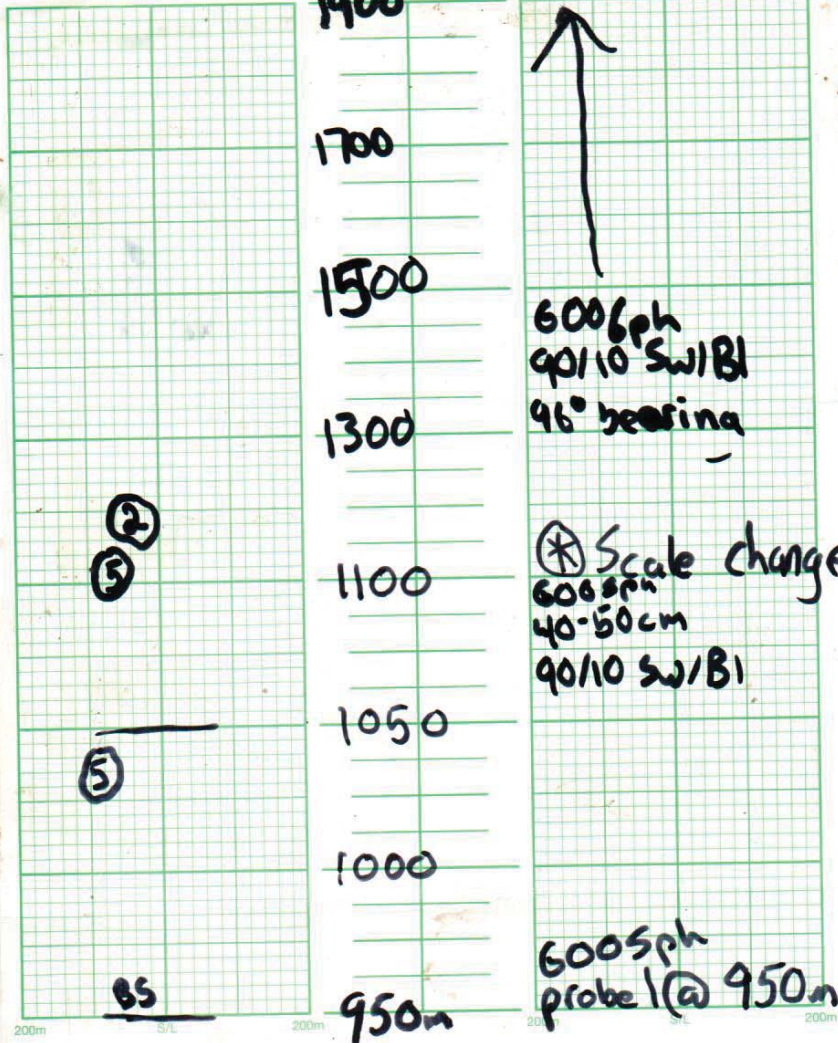


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TOPOGRAPHY

STRIP No.

TIMBER TYPE



STRIP NO.:

DIRECTION:

START STRIP:

JOB NO.:

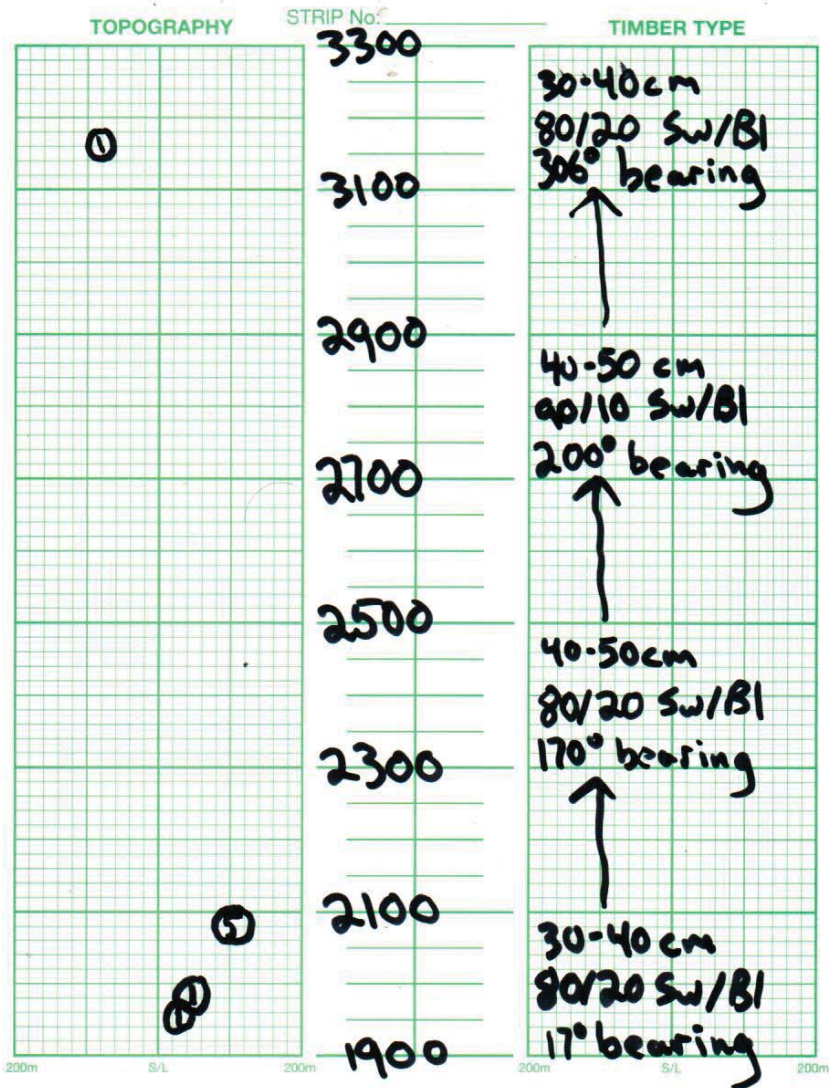
DATE:

CREW:

REMARKS:



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STRIP NO.: _____ DIRECTION: _____

START STRIP: _____

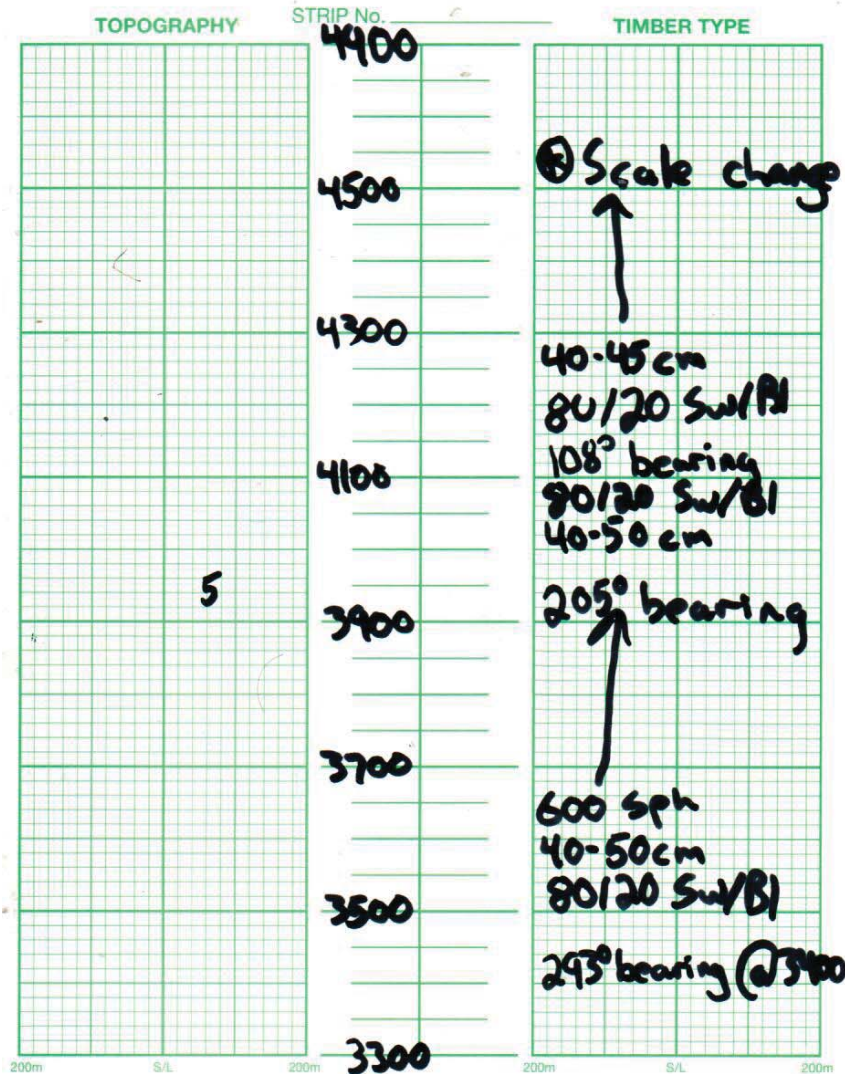
JOB NO.: Bla-073

CREW: Aaron

DATE: Feb 2nd

REMARKS: _____

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STRIP NO.: _____ DIRECTION: _____

START STRIP: _____

JOB NO.: _____

CREW: _____

DATE: _____

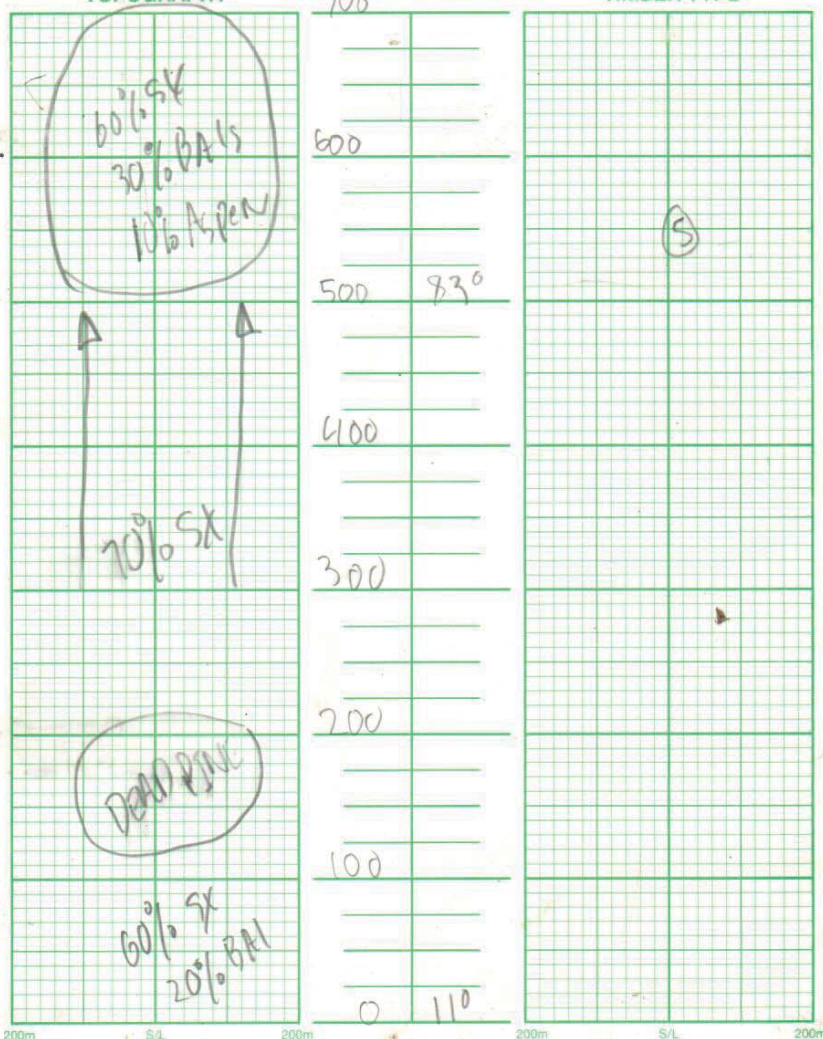
REMARKS: _____

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TOPOGRAPHY

STRIP No. 1
700

TIMBER TYPE



STRIP NO.: 1 DIRECTION: 11°, 83°
 START STRIP: 0-700
 JOB NO.: BLA-073 DATE: FEB 21, 16
 CREW:
 REMARKS:

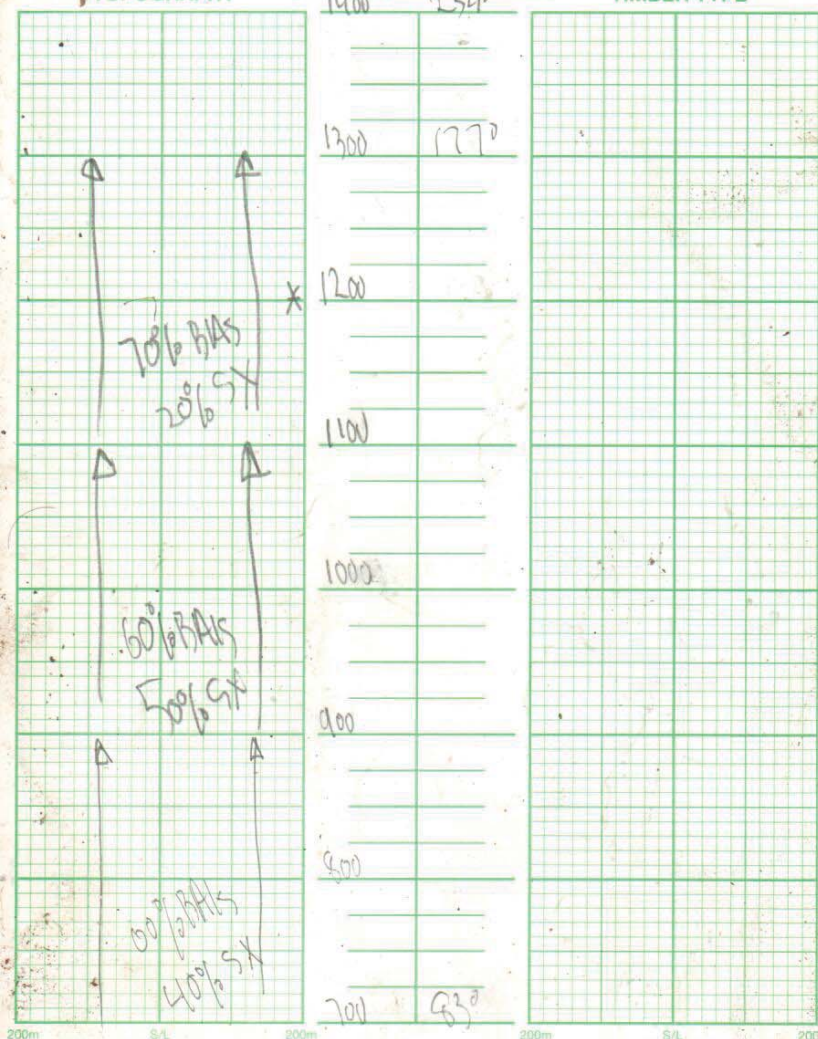


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TOPOGRAPHY

STRIP No. 1400
254°

TIMBER TYPE



STRIP NO.: 1400 DIRECTION: 83°, 171°, 254°
 START STRIP: 700-1400
 JOB NO.: BLA-073 DATE: FEB 21, 16
 CREW: Pat Poirier
 REMARKS:

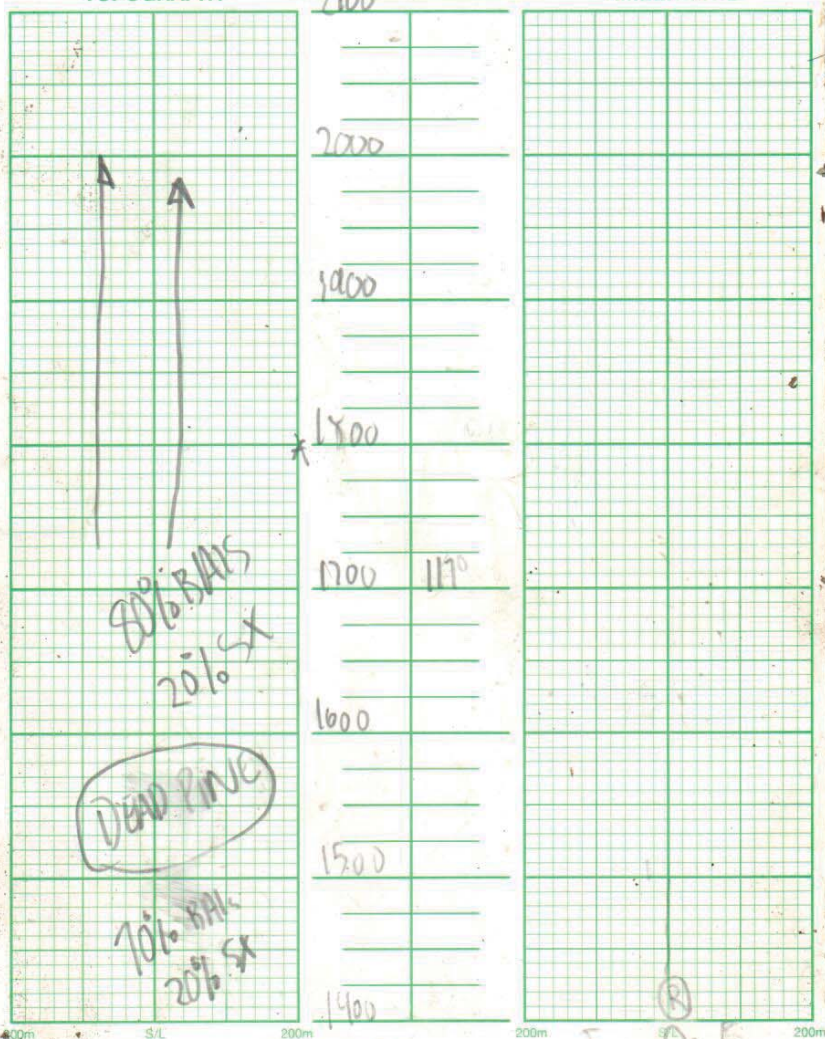


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TOPOGRAPHY

STRIP No. 1

TIMBER TYPE



STRIP NO.: 1

DIRECTION: 260°, 117°

START STRIP: 1400 - 2100

JOB NO.: BIA-073

DATE: FEB 21, 16

CREW: Pat Poinier

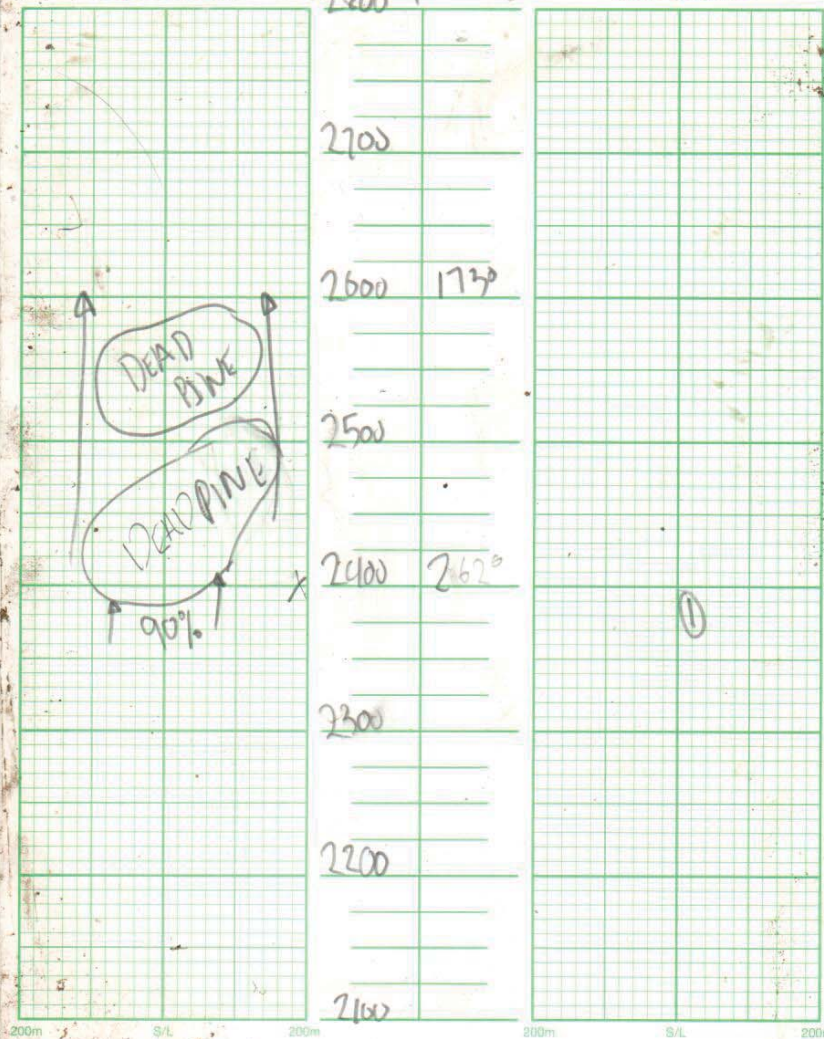
REMARKS:

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TOPOGRAPHY

STRIP No. 1

TIMBER TYPE



STRIP NO.: 1

DIRECTION: 117°, 262°, 173°

START STRIP: 2100 - 2800

JOB NO.: BIA 073

DATE: FEB 21, 16

CREW: PAT Poinier

REMARKS:

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