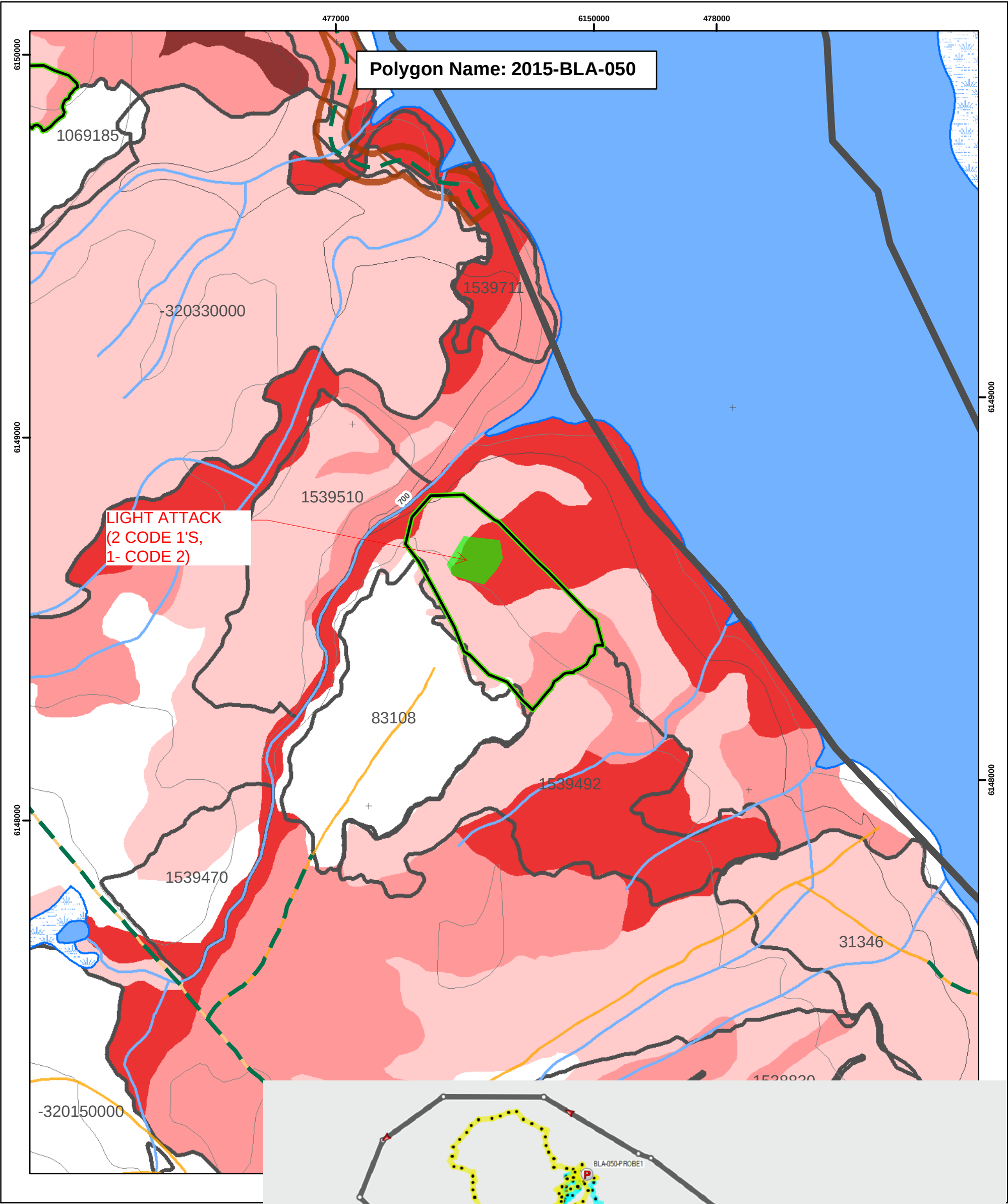




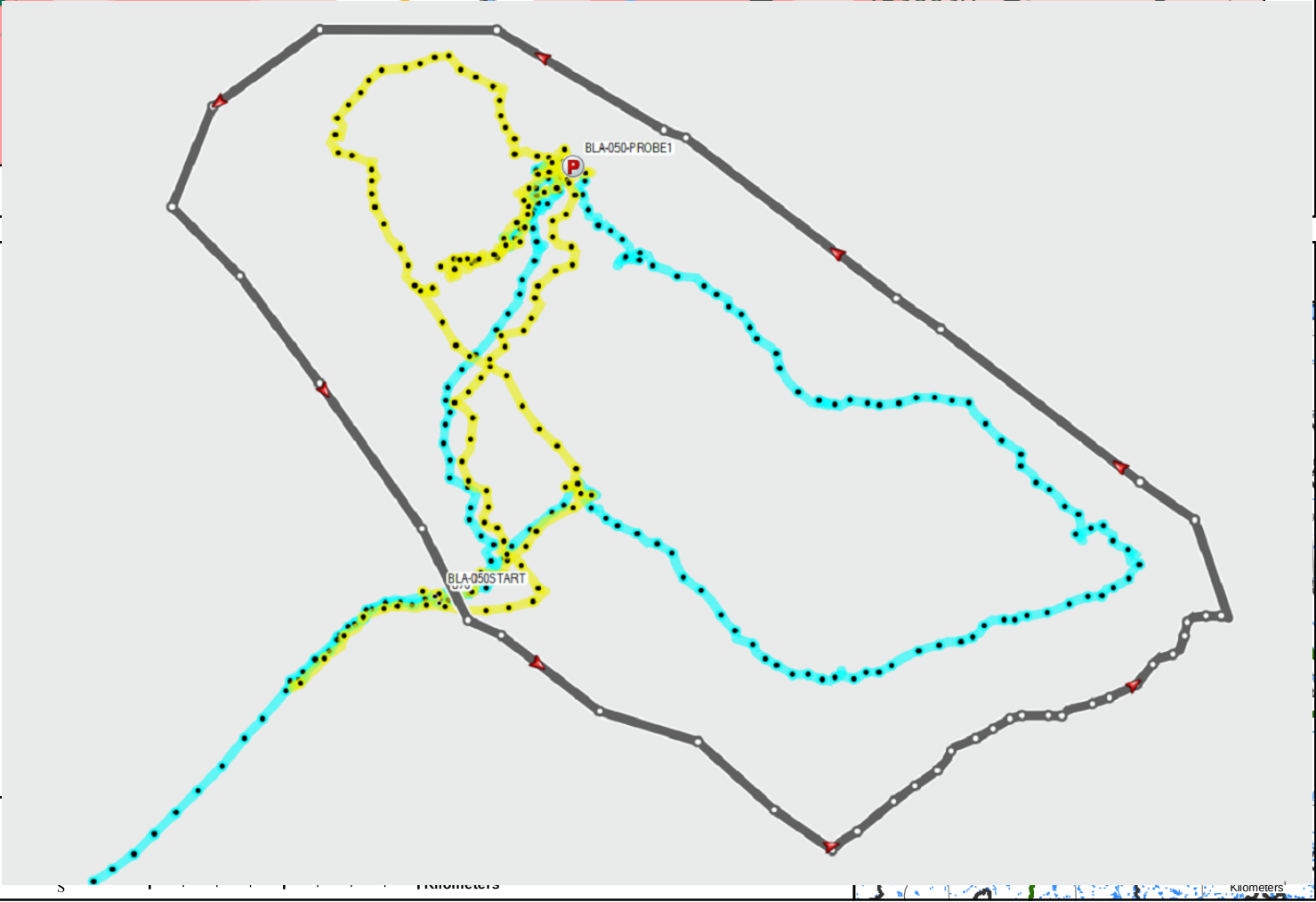


Ministry of
Forests, Lands and
Natural Resource Operations

Spruce Bark Beetle Field Map

Polygon Name: 2015-BLA-050

Landscape	Blackwater
Unit/BMU:	
Region:	Omineca
District:	Mackenzie
Mapsheet:	093O06
Hectares:	14.93
Scale:	1:10,000
When plotted on 11x17	
Coordinate System:	PCS Albers
Datum:	North American 1983
Date Drawn:	03/06/2015
Drawn By:	msnively



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**SPRUCE BARK BEETLE REPORT
FH16DMK010**

POLYGON: 2015-BLA-050

HECTARES:

14.93

WALKTHROUGH DISTANCE:

850

ESTIMATED INFESTED PIXELS FROM

WALKTHROUGH (Code 1-4)

1

11.8%

SUMMARY OF CURRENT INFESTATION

Walkthrough found one pocket of attack in area concentrated with spruce. Rest of Polygon had some old attack code 5's and pockets of heavy deciduous and pine. One probe line established within attacked area, lower rate of spread as pockets of no spruce within polygon and bounded to the west by plantation.

LIGHT SCATTERED ATTACK**ACCESS**

Block is accessed from the west by ATV on old cutblock road to edge of polygon from main finlay. (ATV 1.2km)

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

Flat Polygon, with pockets of Pine, Birch and Aspen throughout. Boundary to the West is cutblock and just off to the east is Williston Lake.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Walkthrough found a couple of pockets of old attack in Blowdown areas, and one pocket of recent attack found with 2 Code 1's and 1 Code 2 (Established probe line there)

INCIDENCE AND SEVERITY OF ATTACK

One probe line captured the pocket of attack which had a low larval density and moderate attack density. Trees were on a 1 and 2 year cycle. Only one pocket of attack noticed from walkthrough and not many trees infected.

RISK OF BEETLE SPREAD

Polygon has pockets of deciduous and pine with a plantation to the west and Lake to the east. Within Polygon, attack can move at a slower rate.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

Good access through old cutblock road to edge of polygon. Attack is centered within Polygon and very flat. Williston Lake further away covering east side.

RECOMMENDATIONS**OPTION 1****MONITOR**

With ONE small pocket of attack noticed, can monitor and schedule walkthrough 2016. Only 3 code 1,2 trees located amongst patch of old attacked Code 5 spruce.

OPTION 2**PROBE/ BAIT**

Could also schedule a mini probe in concentrated areas identified and a Bait program or fall and burn single trees in area identified. Has good access and easy walking terrain.

2014-BLA-050

SPRUCE BEETLE WALKTHROUGH

Legend

-  LIGHT SCATTERED ATTACK
-  PROBE 1

BLA-050-PROBE1

BLA-050START 4076

Google earth

Image Landsat
© 2015 Google



500 m

SPRUCE BEETLE PROBE CARD

LOCATION BLA-050		00477318 6148708		PAGE 1 OF 1					
BEARING 2150		DISTANCE 100 m		STRIP WIDTH 10 m					
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	
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		21	2	1				1	
BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN			
						Attacked	Unattacked		
1A	3	/	3	/	/				
1B	1	/	2	/	2				
COMMENTS									
CREW NAMES Patrick Poirier						DATE Y M D 15 10 13			

FS 1111 RPG 2000/01 7530881048 (100/bdl)

SPRUCE BEETLE PROBE CARD

LOCATION BLA-042		Bark Sample		PAGE 1 OF 1					
BEARING		DISTANCE		STRIP WIDTH					
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	
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	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN			
						Attacked	Unattacked		
1A	3	/	3	/	4				
1B	1	/	2	/	3				
COMMENTS									
CREW NAMES						DATE Y M D			

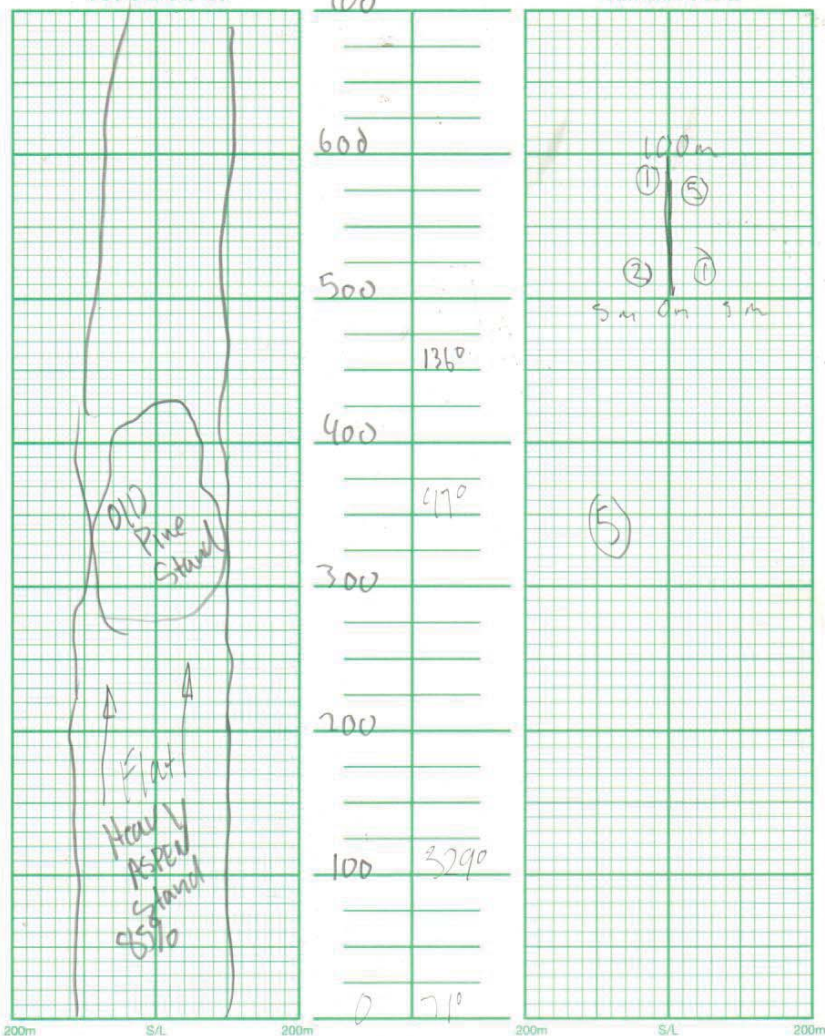
FS 1111 RPG 2000/01 7530881048 (100/bdl)

TOPOGRAPHY

STRIP No.

BLA-050

TIMBER TYPE



STRIP No. BLA-1750

DISTANCE: 71 27010

TOPOGRAPHY

STRIP No.

BLA-050

TIMBER TYPE

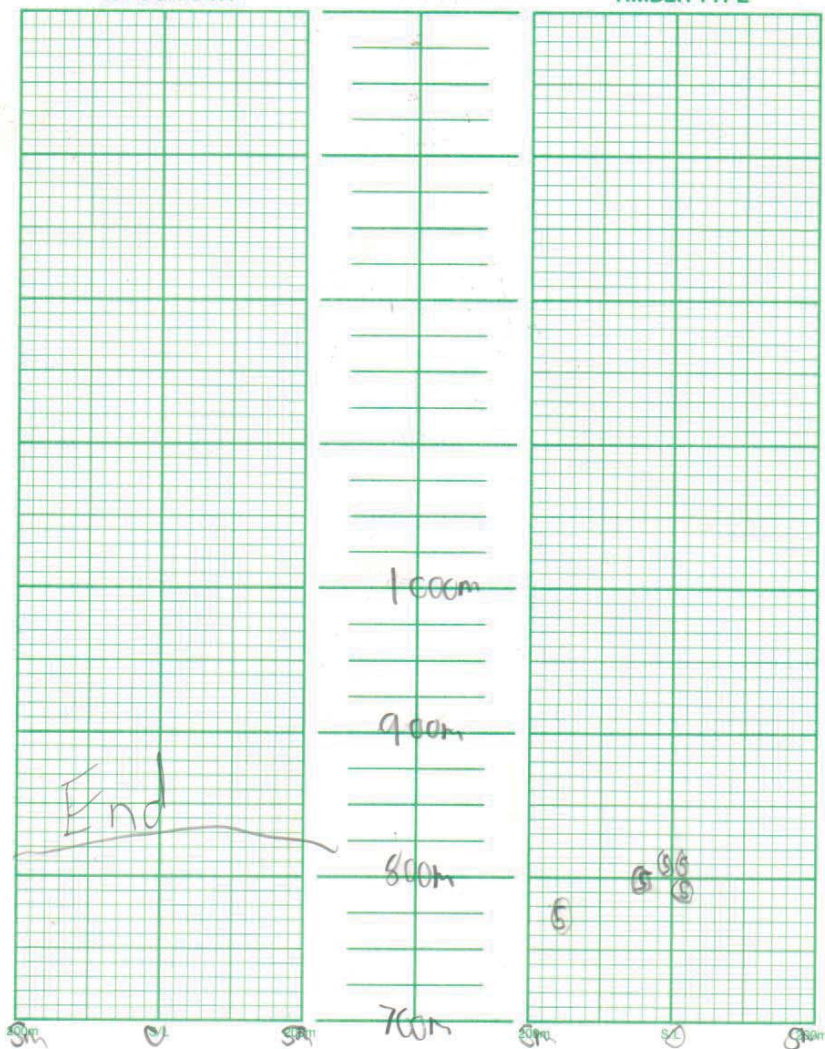


TOPOGRAPHY

STRIP No.

BLA-050

TIMBER TYPE



STRIP NO.:

BLA-050

DIRECTION:

315

START STRIP:

700m-835M

JOB NO.:

Seneca walkthrough

DATE:

Oct. 23/15

CREW:

Dailen.V

REMARKS:



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