454000 455000 456000

6098000 6097000 6096000

Polygon Name: 2014-PHI-003

A87345
CP AL
11/10/2013
ACTIVE

A87345
CP BH
28/08/2014
ACTIVE

Philip Creek

FRESH ORANGE BLOCK BOUNDARY

FRESH PINK ROAD FLAG

-298810000

NO ATTACK FOUND

1000

NEWER HARVESTED BLOCK

1375291

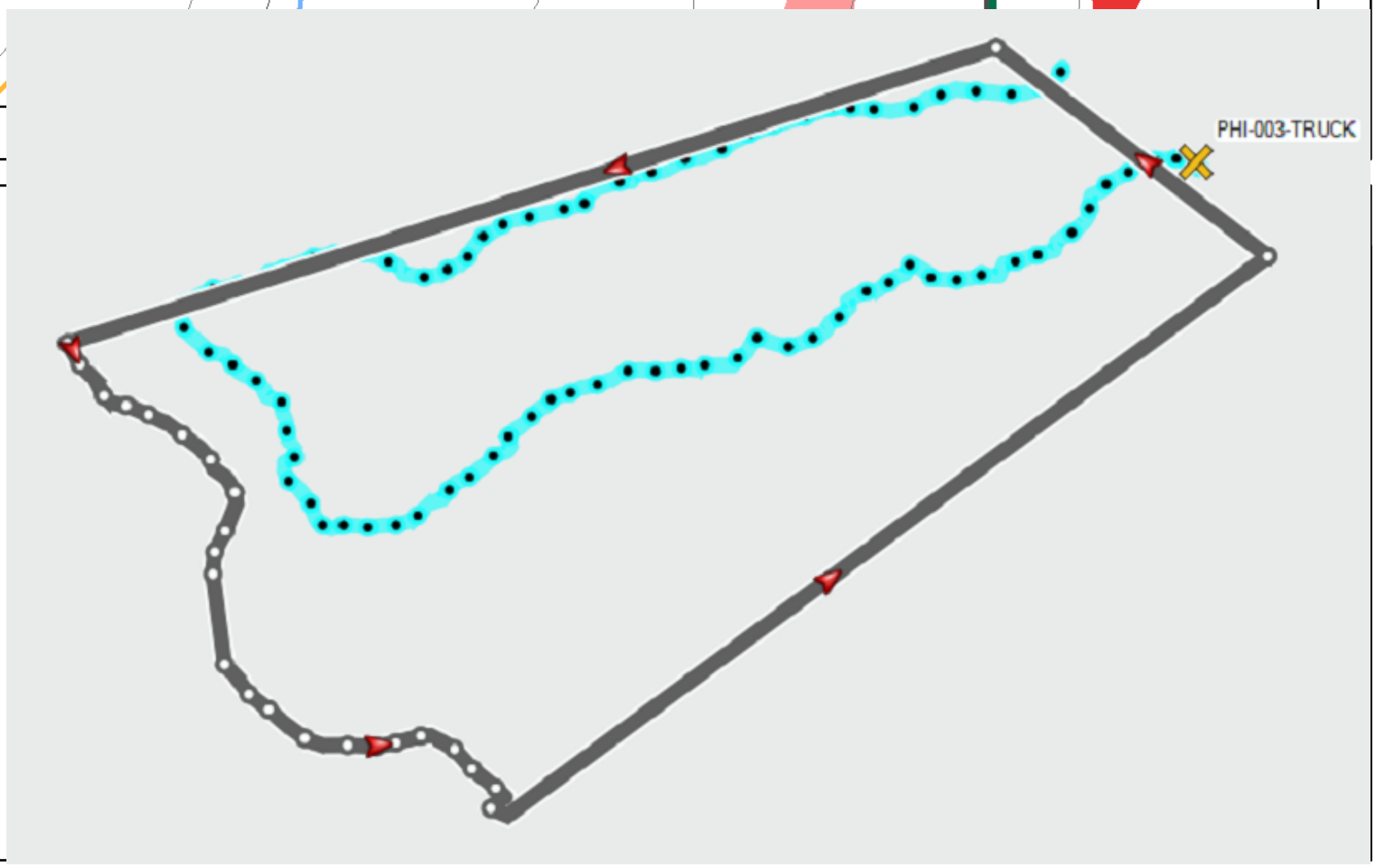
-298800000

A87345
CP BJ
09/12/2014
ACTIVE

-298800000

1375291

454000



BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Spruce Bark Beetle Field Map

Polygon Name: 2014-PHI-003

Landscape Unit/BMU:	Philip
Region:	Omineca
District:	Mackenzie
Mapsheet:	093O04
Hectares:	42.19
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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Phone: (250) 561-0890, Fax: (250) 564-3275

SPRUCE BARK BEETLE REPORT FH16DMK010

POLYGON: PHI-003 HECTARES: 42.19

WALKTHROUGH DISTANCE: 1300

ESTIMATED INFFESTED PIXELS FROM WALKTHROUGH (Code 1-4) 0 **0.0%**

SUMMARY OF CURRENT INFESTATION

Walkthrough of Polygon showed ni attack. Fresh Boundary flag encompassed Polygon, Road flag through the middle. Logged on all sides. Some scattered Grays without signs of spruce beetle attack,

NO ATTACK, NO ACTION

ACCESS

Access is from the North east on main road. There is centerline Road flag through the middle of the Polygon and Block boundary ribbon around Polygon

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

Gentle slopes, 0-20%, Polygon has Fresh Block Boundary flag around it. Micture of Spruce (60%) and Balsam (40%) with large diameter spruce. Polygon surrrounded by free growing cutblocks and fresh cutblock.

SIZE, BOUNDARY and PATTERN OF INFESTATION

There was no attack found, limited walkthrough due to Boundary layout,

INCIDENCE AND SEVERITY OF ATTACK

None

RISK OF BEETLE SPREAD

Minimal risk as surrounded by cutblocks, and no attack found.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

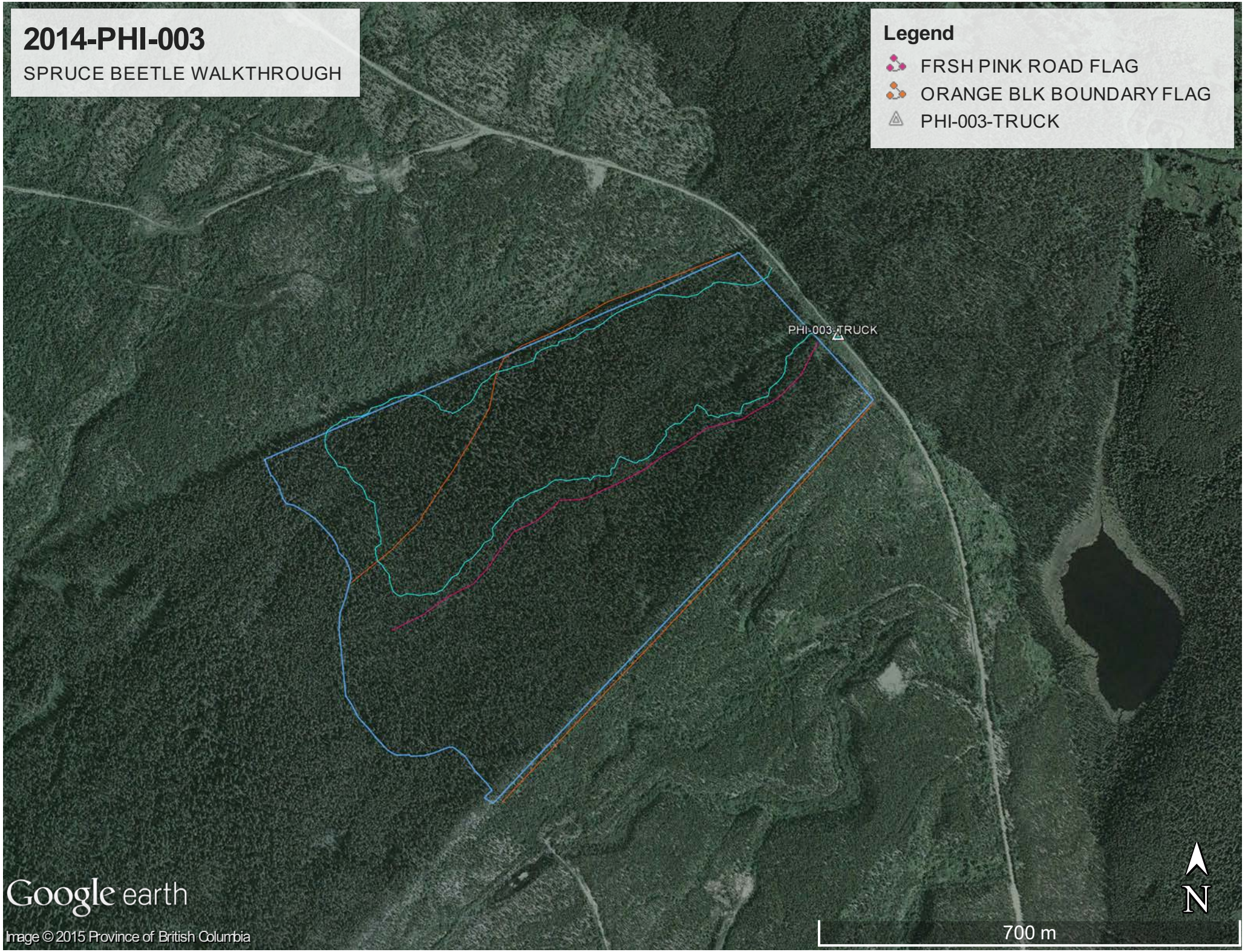
Access good by 4WD pickup

RECOMMENDATIONS

OPTION 1 **NO ACTION**

No beetle found on Walkthrough, block boundary flags surround polygon.

OPTION 2 **NO ACTION**


2014-PHI-003
SPRUCE BEETLE WALKTHROUGH
Legend
FRSH PINK ROAD FLAG
ORANGE BLK BOUNDARY FLAG
PHI-003-TRUCK
PHI-003-TRUCK
Google earth
Image © 2015 Province of British Columbia
N
700 m

Summary

PHI-003	HEC	42.19	METERS WALKED	1300	% TRAVERSED	3.1%
PIXELS COVERED BY WALKTHROUGH	13	INFESTED PIXELS	0	**ESTIMATED % OF BLOCK INFESTED (From Walk through)**		**0.0%**

TABLE 5- Spruce Beetle Infestation Summary Sheet

OF NOTE- Results taken from a 100m Probe Line established at 1 per 50 hectares to represent

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK						OTHER TREE SPECIES
			2015		2014		2013		
			1	2	3	4	5	6	
17.5-25.0	3.3	0	0.0	0.0	0.0	0.0	0.0	0.0	0
25.1-30.0	5.3	0	0.0	0.0	0.0	0.0	0.0	0.0	0
30.1-35.0	7.1	0	0.0	0.0	0.0	0.0	0.0	0.0	0
35.1-40.0	9.4	0	0.0	0.0	0.0	0.0	0.0	0.0	0
40.1-45.0	11.6	0	0.0	0.0	0.0	0.0	0.0	0.0	0
45.1-50.0	13.8	0	0.0	0.0	0.0	0.0	0.0	0.0	0
50.1-55.0	16.2	0	0.0	0.0	0.0	0.0	0.0	0.0	0
55.1-60.0	18.7	0	0.0	0.0	0.0	0.0	0.0	0.0	0
60.1 +	25.3	0	0.0	0.0	0.0	0.0	0.0	0.0	0
TOTALS	0.0	0	0.0	0	0.0	0.0	0.0	0	0

TABLE 4- Spruce Beetle Attack Density and Larval Density Rating

MEAN NO. OF ENTRANCE HOLES PER 225 cm2 PHLOEM SAMPLE		MEAN NO. OF LIVING LARVAE PER 225 cm2 PHLOEM SAMPLE	
	< 1 LOW Attack Density		< 4.9 LOW Mean Larval Density
	1.0- 1.9 MOD Attack Density		5.0 - 14.9 MOD Mean Larval Density
	2.0 - 3.9 HIGH Attack Density		15-24.9 HIGH Mean Larval Density
0.00	< 3.9 SEVERE Attack Density	**0.00**	>24.9 EXTREME Mean Larval Density

TABLE 2- Spruce Beetle Management Options after Walkthrough

% 2015 ATTACK	0.0%	0.0	SANITATION AND SALVAGE HARVEST PRIORITY RATING			
% 2014 ATTACK	0.0%	##	LIGHT	0-599	LEAVE (Monitor, Trap Trees, Baits, etc)	0.0
% 2013 ATTACK	0.0%	##	MODERATE	600-999	PROBE (To Obtain Further Info)	
% HOST IN STAND	0.0%	##	HEAVY	1000+	RECOMMEND CRUISING/ LOGGING	

SUMMARY OF ALL CARDS FS1111

NUMBER OF CARDS 0

ACCESS - Access is from the North east on main road. There is centerline Road flag through the middle of the Polygon and Block boundary ribbon around Polygon

POLYGON FEATURES - Gentle slopes, 0-20%, Polygon has Fresh Block Boundary flag around it. Micture of Spruce (60%) and Balsam (40%) with large diameter spruce. Polygon surrrounded by free growing cutblocks and fresh cutblock.

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK						OTHER TREE SPECIES	
			2015		2014		2013			
			1	2	3	4	5	6	BL	AT
17.5-25.0	3.3	0	0	0	0	0	0	0	0	0
25.1-30.0	5.3	0	0	0	0	0	0	0	0	0
30.1-35.0	7.1	0	0	0	0	0	0	0	0	0
35.1-40.0	9.4	0	0	0	0	0	0	0	0	0
40.1-45.0	11.6	0	0	0	0	0	0	0	0	0
45.1-50.0	13.8	0	0	0	0	0	0	0	0	0
50.1-55.0	16.2	0	0	0	0	0	0	0	0	0
55.1-60.0	18.7	0	0	0	0	0	0	0	0	0
60.1 +	25.3	0	0	0	0	0	0	0	0	0
TOTALS		0	0	0	0	0	0	0	0	0

BARK SAMPLES 15 cm x 15 cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE ADULTS	NO. CALLOW	FRESH (GREEN) BLOWDOWN Attacked Y r	Y r ____	Unattacked
0	0	0	0	0	0	0	0	0

SIZE, BOUNDARY AND PATTERN OF THE INFESTATION

There was no attack found, limited walkthrough due to Boundary layout,

INCIDENCE AND SEVERITY OF THE INFESTATION

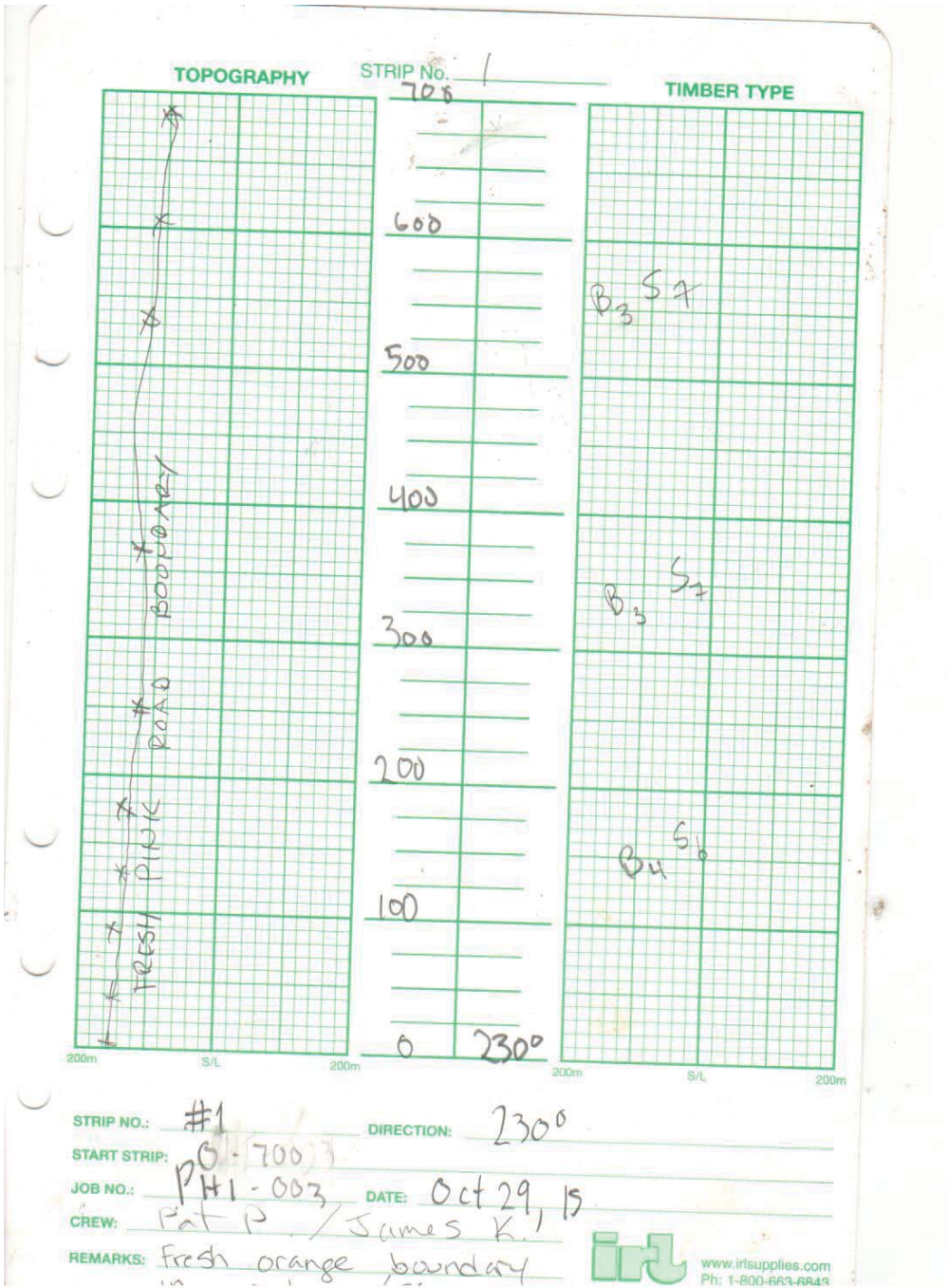
None

RISK OF BEETLE SPREAD

Minimal risk as surrounded by cutblocks, and no attack found.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

Access good by 4WD pickup



STRIP NO.: #1 DIRECTION: 230°

START STRIP: 0-700

JOB NO.: PHI-003 DATE: Oct 29, 15

CREW: Pat P / James K.

REMARKS: Fresh orange boundary

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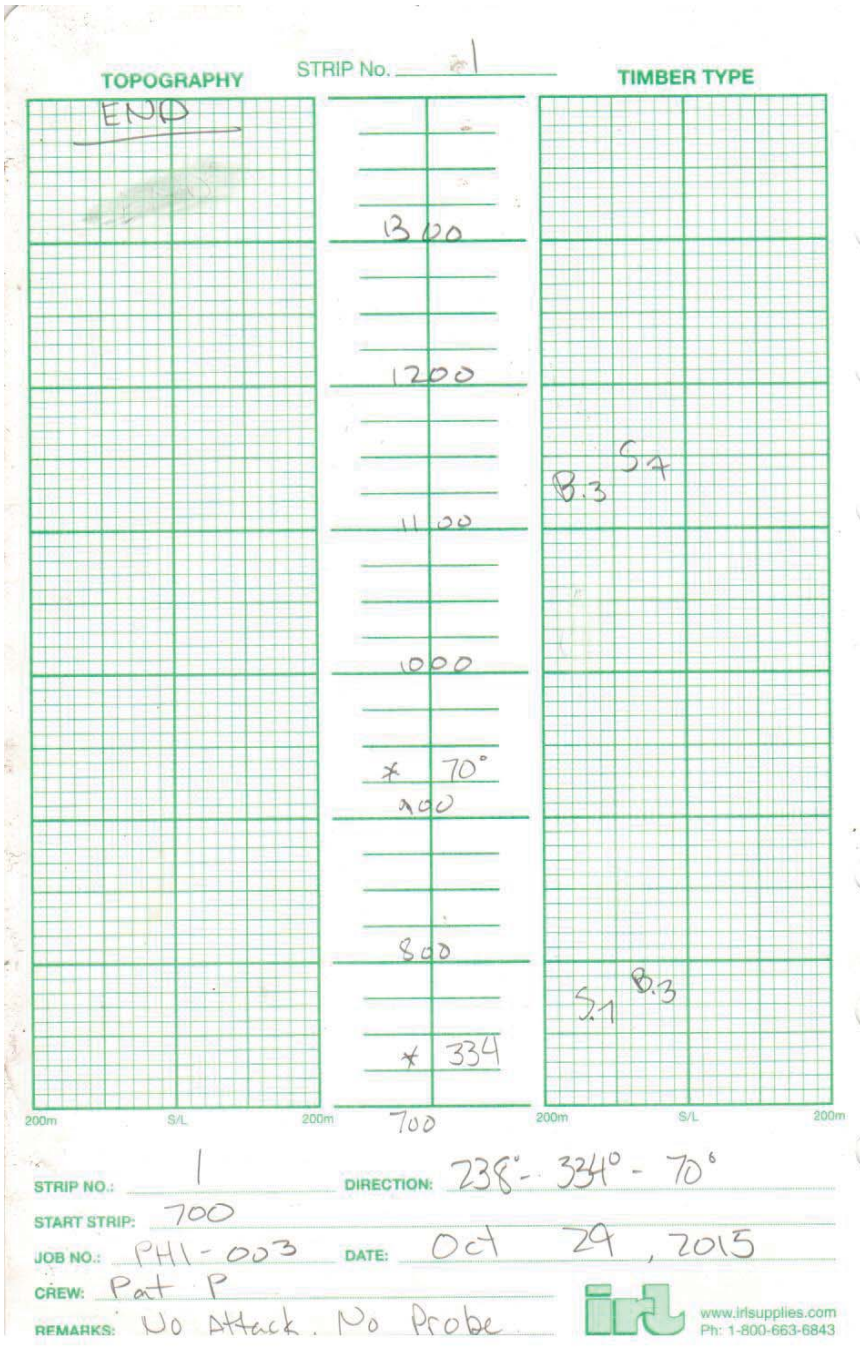

STRIP NO.: 1 DIRECTION: 238° - 334° - 70°

START STRIP: 700

JOB NO.: PHI-003 DATE: Oct 29, 2015

CREW: Pat P

REMARKS: No Attack. No Probe

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