Polygon Name: 2014-BLA-032

AREAS OF CONCENTRATED MODERATE ATTACK

A15384
CP A88
18/05/2011
ACTIVE

A15384
CP A92
29/05/2012
ACTIVE

POCBLA032
POCPOR1
600MBS5
ACC32
900MET1
1200METREea 1
1700ME1
POTBLA032
BS3MTRArea 1
3BSAcPOCPROBE1
750MET
BS1BLA32
POTPROBE3BLA032
700MBLA032OCT25
TURN
POCBLA032DAY2
SPARKPOC
POC2BLA032
POTBLA032OCT25
QUAD2
YUAD

Spruce Bark Beetle Field Map

Polygon Name: 2014-BLA-032

Landscape Unit/BMU:	Blackwater
Region:	Omineca
District:	Mackenzie
Mapsheet:	093O12
Hectares:	112.98
Scale:	1:10,000
When plotted on ANSIC	
Coordinate System:	PCS Albers
Datum:	North American 1983
Date Drawn:	03/06/2015
Drawn By:	msnively

Map Features

- Susceptible Spruce Bark Beetle Polygon

2013 SB Hazard Rating (20% increments)

Hazard Classes
- Low/Med (21-40)
- Med (41-60)
- High (61-80)
- Very High (81-100)
- Cutting Permit
- RESULTS Opening
- Landscape Unit
- Road Permit Active
- Road Permit Pending
- Km_Marker_Points
- Communities
- First Nations Reserves
- Mackenzie District
- OGMA Legal Current
- Ungulate Winter Range
- Wildlife Habitat Area

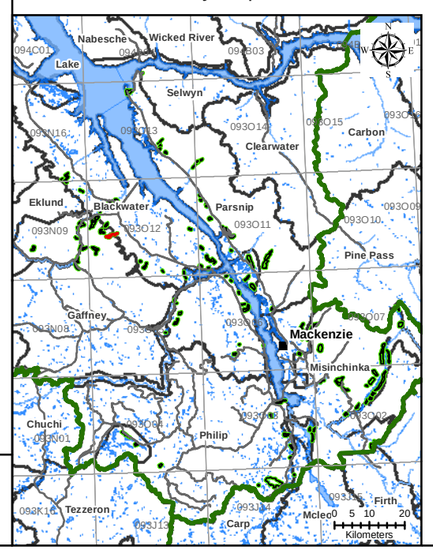
Protected Lands Designation
- Ecological Reserve
- Protected Area
- Provincial Park
- Contour - Index
- Contour - Intermediate
- Lakes and Rivers
- Wetlands
- Streams

0 0.1 0.2 0.4 Kilometers

Disclaimer

The accuracy and completeness of the information on this map is not guaranteed.

Key Map



SENECA ENTERPRISES LTD.
PO BOX 1902, PRINCE GEORGE, BC, V2L 5E3
Phone: (250) 561-0890, Fax: (250) 564-3275

SPRUCE BARK BEETLE REPORT FH16DMK010

POLYGON: **2014-BLA-032** HECTARES: 112.98

WALKTHROUGH DISTANCE: 5700

ESTIMATED INFFESTED PIXELS FROM WALKTHROUGH (Code 1-4) 20 **35.1%**

SUMMARY OF CURRENT INFESTATION

Walkthrough estimate shows 35% recently infested Pixels. This area is fairly concentrated to the wet creek draws and Polygon itself quite steep throughout. The polygon sits between two older cutblocks. There as evidence of Mainly Code 1 attack on both and 1 and 2 year cycle in Polygon. There are many Code 5 older attacked trees as well and infestation seems to be at a fairly high rate of spre. There are some trees that have unsuccessful attack as well.

MODERATE CONCENTRATED ATTACK.

ACCESS

Access wuite poor through old cutblock via ATV. Lots of cutting to clear out road before getting to polygon. On last day of work in Polygon, another company in cutting the road. Fresh flags seen in Polygon.

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

Slopes dominate polygon with creek and draw running entire length through the middle. Fresh flagging seen within Polygon. Spruce Balsam mix mistly, 60-70% spruce with average DBH 35cm.

SIZE, BOUNDARY and PATTERN OF INFESTATION

Walkthrough shows 35% recent infested pixel with mostly Code 1's on bot a 1 and 2 year cycle. Pattern is surrounding creeks and runs most of the length of the polygon. Lots of older attacked trees throughout attacked area as well.

INCIDENCE AND SEVERITY OF ATTACK

From 3 probe lines and 4 additional bark samples, the attack has a high attack density with a moderate mean larval density. The infestation also is on a 1 and 2 year life cycle.

RISK OF BEETLE SPREAD

Polygon is surrounded by cutblocks but will continue to creep through polygon and is at a fairly high rate of spread considering the concentration of attack.

ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

Access would need to be improved through old cutblocks and work was being done by another contractor cutting out road we used for ATVing to site. Also, fresh flagging tape noticed in and around Polygon.

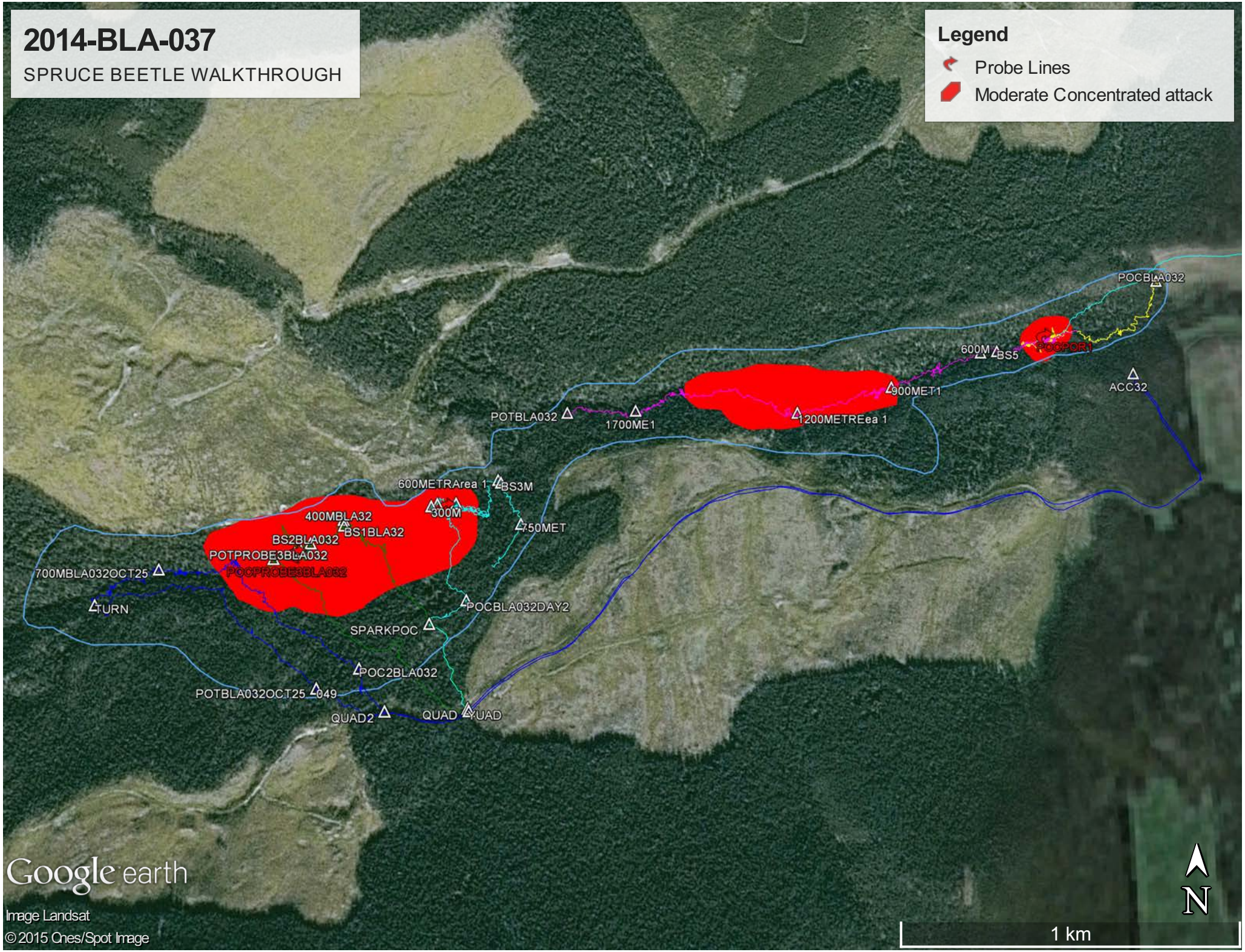
RECOMMENDATIONS

OPTION 1 **CRUISING LOGGING**

Sanitation and salvage rating is high for this polygon and logging is likely required. That said, it is quite a steep area with slopes ranging from 0-70% in areas with a creek draw running the entire length of the polygon. The are

OPTION 2 **PROBE TRAP TREES**

May be better to establish Trap Tree trails to hold the infestation while awaiting logging plans if operationally possible. Trails could be established on the edges of current old cutbllocks and probing could help further detremine the attack severity and better determine the area.


2014-BLA-037
SPRUCE BEETLE WALKTHROUGH
Legend
Probe Lines
Moderate Concentrated attack
POCBLA032
600M
BS5
POCPOR1
ACC32
900MET1
1200METREea 1
POTBLA032
1700ME1
600METRArea 1
BS3M
300M
750MET
400MBLA32
BS1BLA32
BS2BLA032
POTPROBE3BLA032
POCPROBE3BLA032
700MBLA032OCT25
TURN
POCBLA032DAY2
SPARKPOC
POC2BLA032
POTBLA032OCT25_049
QUAD2
QUAD
UAD
Google earth
Image Landsat
© 2015 Cnes/Spot Image
N
1 km

Summary

2014-BLA-032	HEC	112.98	METERS WALKED	5700	% TRAVERSED	5.0%
PIXELS COVERED BY WALKTHROUGH	57		20	**ESTIMATED % OF BLOCK INFESTED (From Walk through)**		**35.1%**

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	52.8	0.0	0.0	0.0	0.0	0.0	0.0	89.1
25.1-30.0	5.3	79.5	0.0	0.0	0.0	0.0	0.0	0.0	137.8
30.1-35.0	7.1	56.8	7.1	0.0	0.0	0.0	0.0	0.0	99.4
35.1-40.0	9.4	75.2	9.4	0.0	0.0	0.0	0.0	0.0	28.2
40.1-45.0	11.6	116	11.6	0.0	0.0	0.0	0.0	0.0	34.8
45.1-50.0	13.8	110.4	0.0	0.0	0.0	0.0	0.0	0.0	0
50.1-55.0	16.2	64.8	32.4	0.0	16.2	0.0	0.0	0.0	32.4
55.1-60.0	18.7	56.1	37.4	0.0	0.0	0.0	18.7	0.0	0
60.1 +	25.3	25.3	75.9	0.0	0.0	0.0	75.9	0.0	0
TOTALS	921.5	636.9	173.8	0	16.2	0.0	94.6	0	421.7

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
2.64	< 3.9 SEVERE Attack Density	**11.64**	>24.9 EXTREME Mean Larval Density

TABLE 2- Spruce Beetle Management Options after Walkthrough

% 2015 ATTACK	18.9%	##	SANITATION AND SALVAGE HARVEST PRIORITY RATING			
% 2014 ATTACK	1.8%	##	LIGHT	0-599	LEAVE (Monitor, Trap Trees, Baits, etc)	1550.4
% 2013 ATTACK	10.3%	##	MODERATE	600-999	PROBE (To Obtain Further Info)	
% HOST IN STAND	68.6%	##	HEAVY	1000+	RECOMMEND CRUISING/ LOGGING	

From 3 Probe Lines and 5 Bark Samples taken in areas of attack.

SUMMARY OF ALL CARDS FS1111

NUMBER OF CARDS 7

ACCESS - Access wuite poor through old cutblock via ATV. Lots of cutting to clear out road before getting to polygon. On last day of work in Polygon, another company in cutting the road. Fresh flags seen in Polygon.

POLYGON FEATURES - Slopes dominate polygon with creek and draw running entire length through the middle. Fresh flagging seen within Polygon. Spruce Balsam mix mistly, 60-70% spruce with average DBH 35cm.

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	16	0	0	0	0	0	0	27	0
25.1-30.0	5.3	15	0	0	0	0	0	0	26	0
30.1-35.0	7.1	8	1	0	0	0	0	0	14	0
35.1-40.0	9.4	8	1	0	0	0	0	0	3	0
40.1-45.0	11.6	10	1	0	0	0	0	0	3	0
45.1-50.0	13.8	8	0	0	0	0	0	0	0	0
50.1-55.0	16.2	4	2	0	1	0	0	0	2	0
55.1-60.0	18.7	3	2	0	0	0	1	0	0	0
60.1 +	25.3	1	3	0	0	0	3	0	0	0
TOTALS		73	10	0	1	0	4	0	75	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
14	37	7	163	6	35	0	0	0

SIZE, BOUNDARY AND PATTERN OF THE INFESTATION

Walkthrough shows 35% recent infested pixel with mostly Code 1's on bot a 1 and 2 year cycle. Pattern is surrounding creeks and runs most of the length of the polygon. Lots of older attacked trees throughout attacked area as well.

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From 3 probe lines and 4 additional bark samples, the attack has a high attack density with a moderate mean larval density. The infestation also is on a 1 and 2 year life cycle.

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BRITISH COLUMBIA — BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
10 U 0445211 6163289 BLA-032				

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
238°	Probe1	10m	100m	[X] SB [ ] MPB [ ] DFB

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK 1	2	3	4	5	6	OTHER TREE SPECIES MAIN	OTHER
									Bl	
12.5 - 17.4	2.0	N/A							N/A	N/A
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	3						19	

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN Attacked	Unattacked
North				⊘			
South				⊘			

COMMENTS ⊙ Bark Sample 1

CREW NAMES Aaron Colebank

DATE Y M D: 2015 10 21

FS 1111A RPG 00/02 7530881049 (100/bdl)

BRITISH COLUMBIA — BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
10 U 0443366 6162799 BLA-032				

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
108°	Probe2	10m	100m	[X] SB [ ] MPB [ ] DFB

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK 1	2	3	4	5	6	OTHER TREE SPECIES MAIN	OTHER
									Bl	
12.5 - 17.4	2.0	N/A							N/A	
17.5 - 25.0	3.3	90								
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		28	3						26	

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN Attacked	Unattacked
North				⊘	⊘		
South		⊘					

COMMENTS ⊙ Bark Sample 2
90% 2year life cycle

CREW NAMES Aaron Colebank

DATE Y M D: 2015 10 22

FS 1111A RPG 00/02 7530881049 (100/bdl)

PROBE 3

SPRUCE BEETLE PROBE CARD

LOCATION		PAGE	OF
BEARING 2480	DISTANCE 100m	STRIP WIDTH 10m	

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK 1	2	3	4	5	6	OTHER TREE SPECIES BL
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
N							
S							

COMMENTS BS3

CREW NAMES Brant Sparks

DATE Y 15 M 10 D 22

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

Bark Sample A (Blowdown)

BRITISH COLUMBIA BEETLE PROBE CARD

LOCATION BLA-032 104 044331 0 6162780			ELEVATION	LATITUDE	PAGE	OF
BEARING	STRIP LINE NO BS-A	STRIP WIDTH	DISTANCE	BEETLE SPECIES ☐ SB ☐ MPB ☐ DFB		

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK 1	2	3	4	5	6	OTHER TREE SPECIES 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										

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

COMMENTS BSA - Blowdown Bark Sample

CREW NAMES Aaron Colebank

DATE Y 2015 M 10 D 22

FS 1111A RPG 00/02 7530881049 (100/bdl)

Bark Sample 3

BRITISH COLUMBIA BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
10 U 044 3499 6162842 BLA032				

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
	BS3			☐ 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										

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN	
						Attacked	Unattacked
North		Ø				Ø	Ø
South		Ø			Ø	Ø	Ø

COMMENTS

CREW NAMES Aaron Colebank DATE Y M D

FS 1111A RPG 00/02 7530881049 (100/bdl)

BRITISH COLUMBIA BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	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									
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 -	25.8									
TOTALS										

BARK SAMPLES 15cm x 15cm.	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN	
						Attacked	Unattacked
N				Ø			
S				Ø	Ø		

COMMENTS BS2

CREW NAMES DATE Y M D

FS 1111A RPG 00/02 7530881049 (100/bdl)

BRITISH COLUMBIA

BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	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									
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
N							
S							

COMMENTS

BS1

CREW NAMES	DATE Y M D

FS 1111A RPG 00/02 7530881049 (100/bdl)

25 Bark Sample 5

SPRUCE BEETLE PROBE CARD

LOCATION		PAGE	OF
BLA-032 10 U 0445030 6163235	BS5		

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
North		Ø	10				
South		Ø					

COMMENTS

CREW NAMES	DATE Y M D
Aaron Colebank	2015 10 25

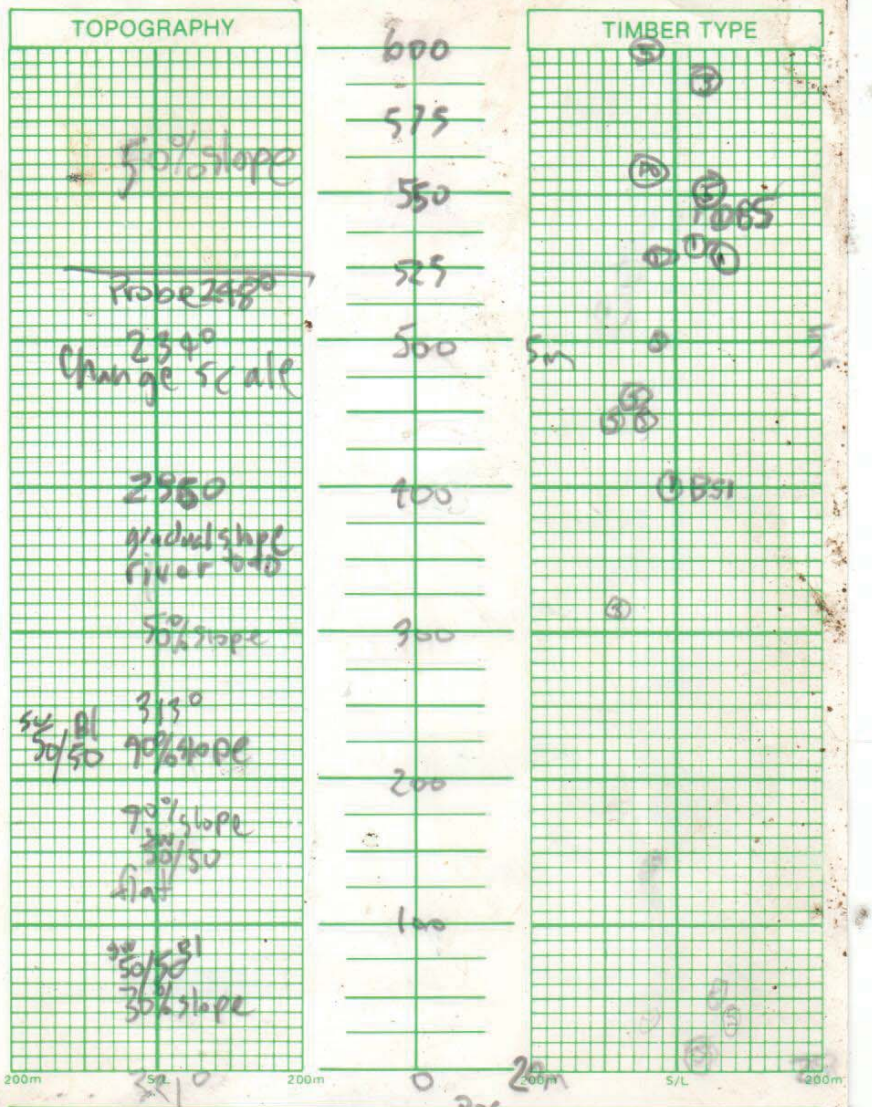
FS 1111 RPG 2000/01 7530881048 (100/bdl)

MINISTRY OF FORESTS

COMPASS AND TRAVERSE SHEET

TOPOGRAPHY

TIMBER TYPE



C.P. No.	BLOCK B1a 032
DIRECTION 321°, 313°, 256°	POC 0943302 6162430
JOB NO	START OF STRIP 0-100
CREW Brandon Sparks Aaron Cole Frank	DATE Oct 22/2015
REMARKS	

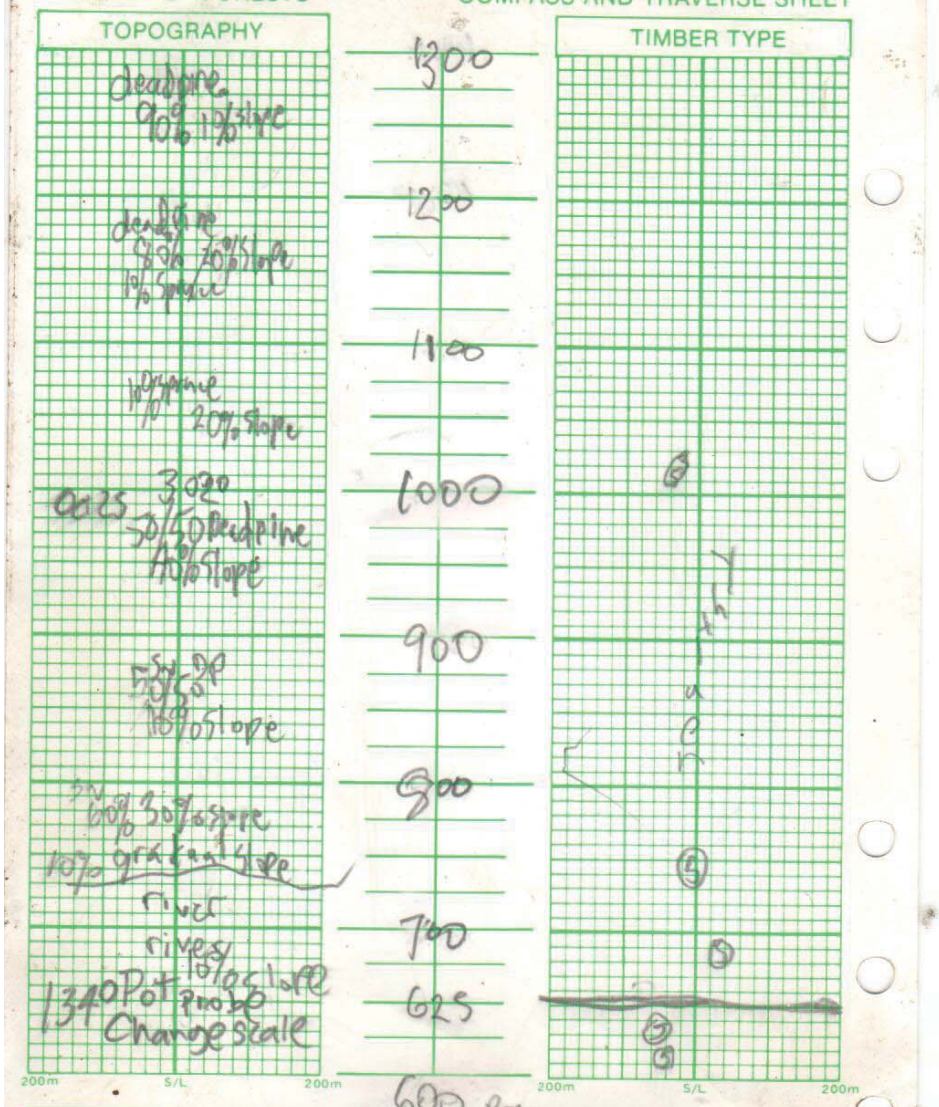
FS 375 VAL. 88/07

MINISTRY OF FORESTS

COMPASS AND TRAVERSE SHEET

TOPOGRAPHY

TIMBER TYPE



C.P. No.	BLOCK B1a032
DIRECTION 14° 302°	POC 0943096 6162303
JOB NO	START OF STRIP
CREW Brandon Sparks	DATE Oct 22/15
REMARKS	

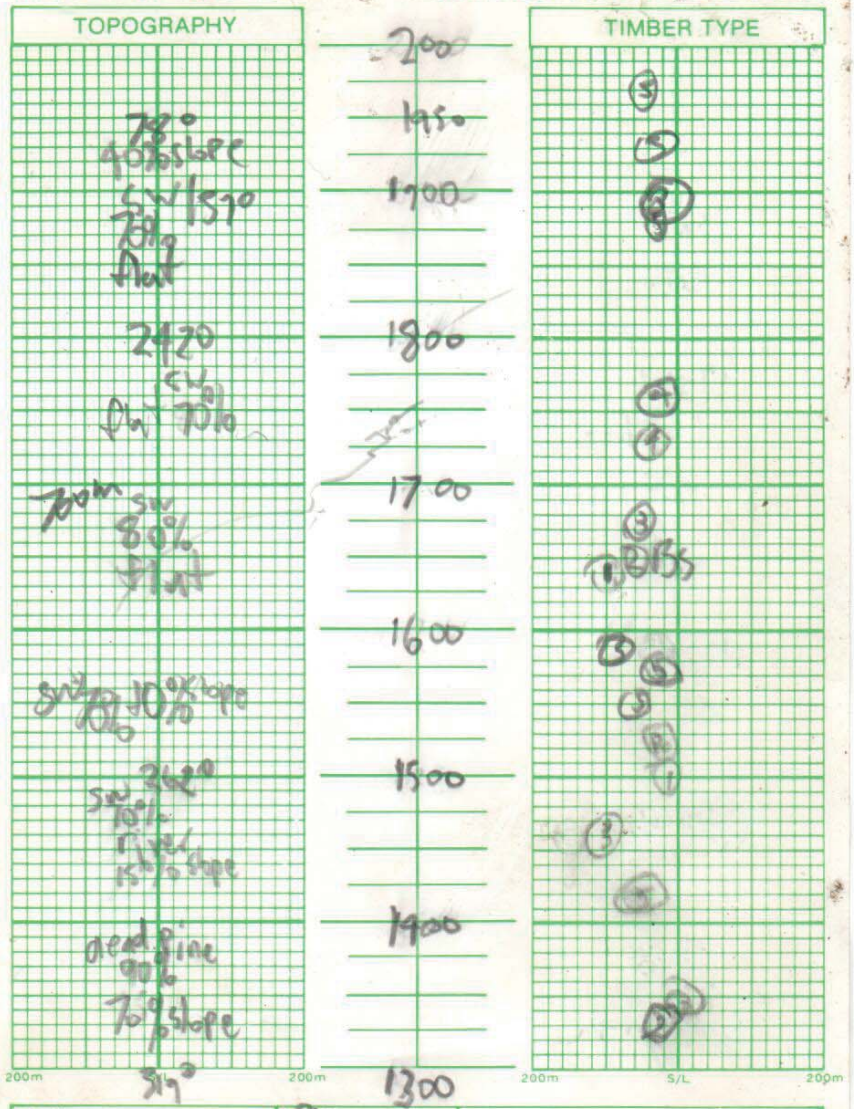
FS 375 VAL. 88/07

MINISTRY OF FORESTS

COMPASS AND TRAVERSE SHEET

TOPOGRAPHY

TIMBER TYPE



C.P. No.	BLOCK Bd 032	
DIRECTION 319°, 262°, 242°, 157°, 78°	START OF STRIP	
JOB. NO	DATE Oct 25	
CREW Brandon Sparks		
REMARKS		

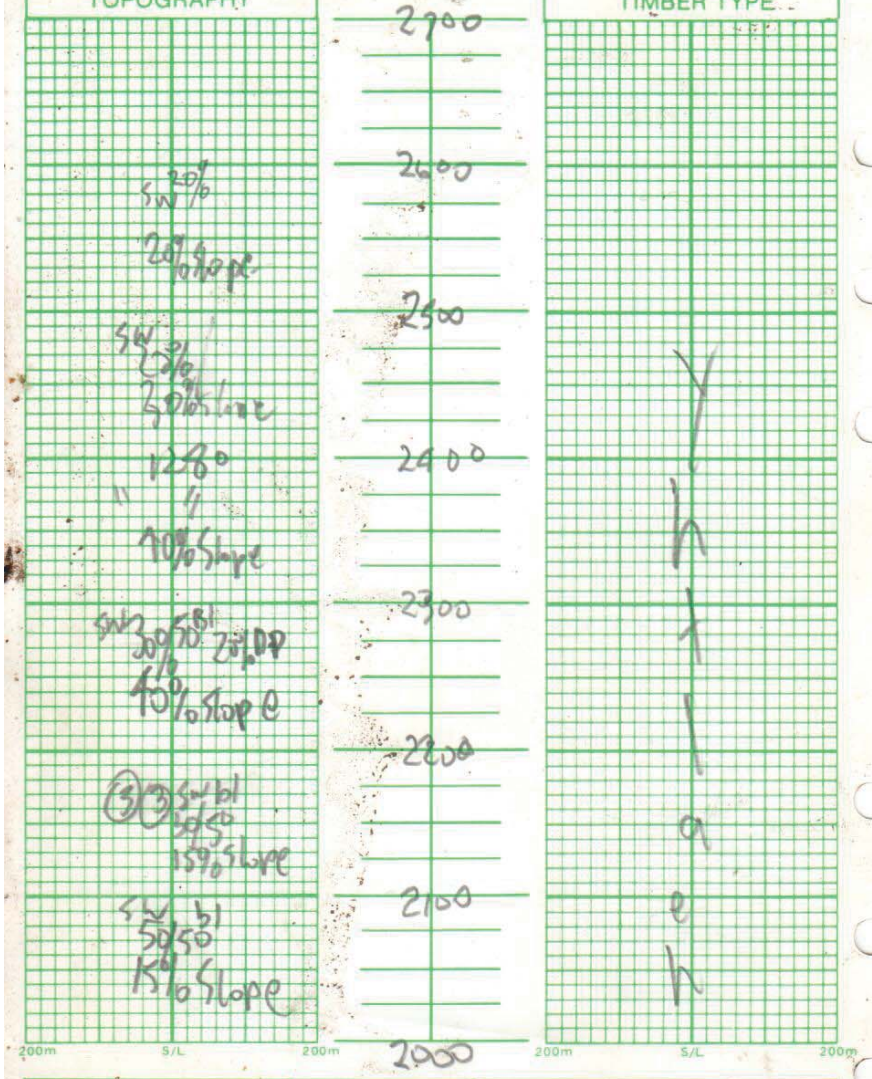
FS 375 VAL. 88/07

MINISTRY OF FORESTS

COMPASS AND TRAVERSE SHEET

TOPOGRAPHY

TIMBER TYPE



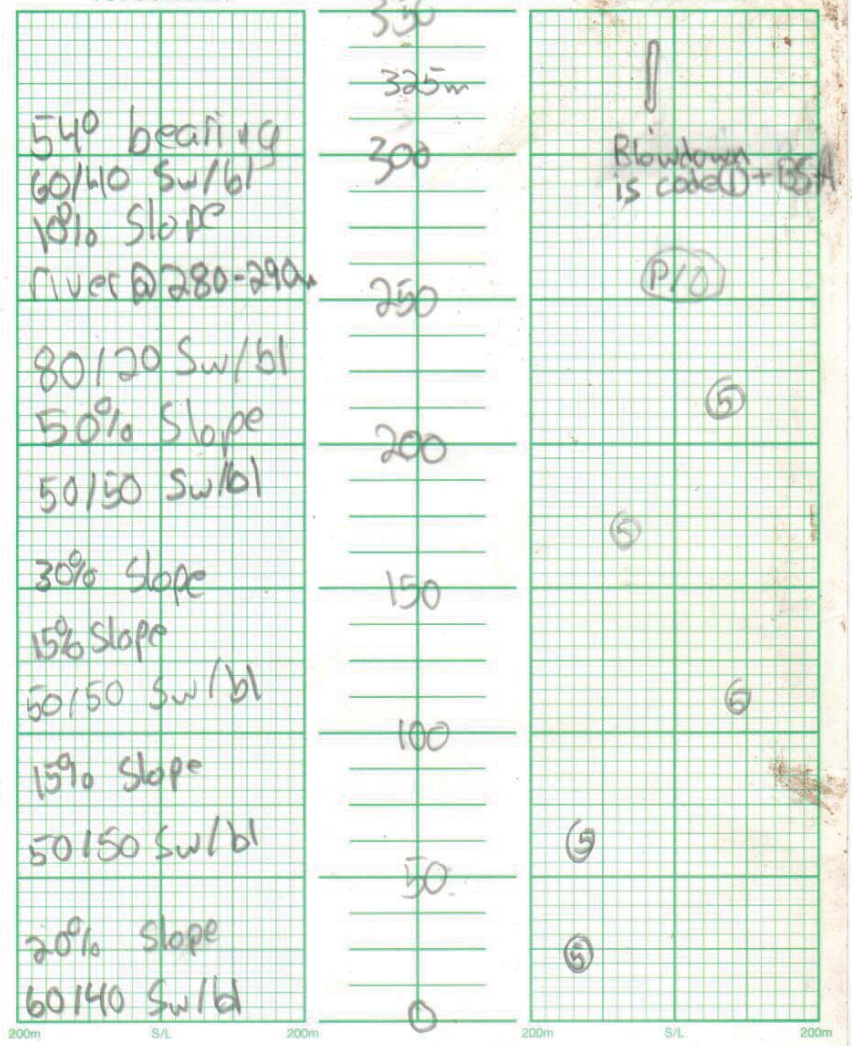
C.P. No.	BLOCK	
DIRECTION 159°, 128°,	START OF STRIP	
JOB. NO	DATE Oct 25/15	
CREW Brandon Sparks		
REMARKS		

FS 375 VAL. 88/07

TOPOGRAPHY

STRIP No. BLA-032

TIMBER TYPE



STRIP NO.: BLA-032 DIRECTION: 315° bearing

START STRIP: 10 U 0443402 6162494

JOB NO.: BLA-032 DATE: Oct 22nd, 2015

CREW: Aaron Colebank

REMARKS: hits almost exclusively south of river

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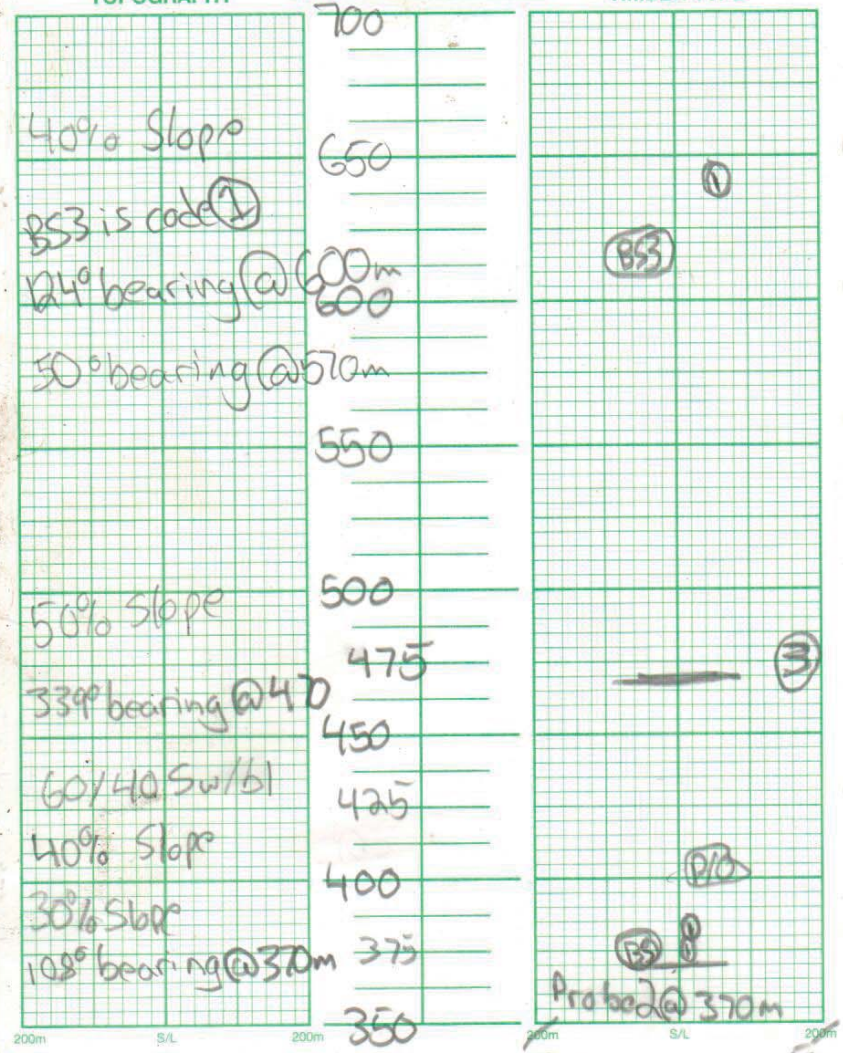
Ph: 1-800-663-6843

TOPOGRAPHY

STRIP No. _____

TIMBER TYPE



STRIP NO.: _____ DIRECTION: _____

START STRIP: _____

JOB NO.: _____ DATE: _____

CREW: _____

REMARKS: _____

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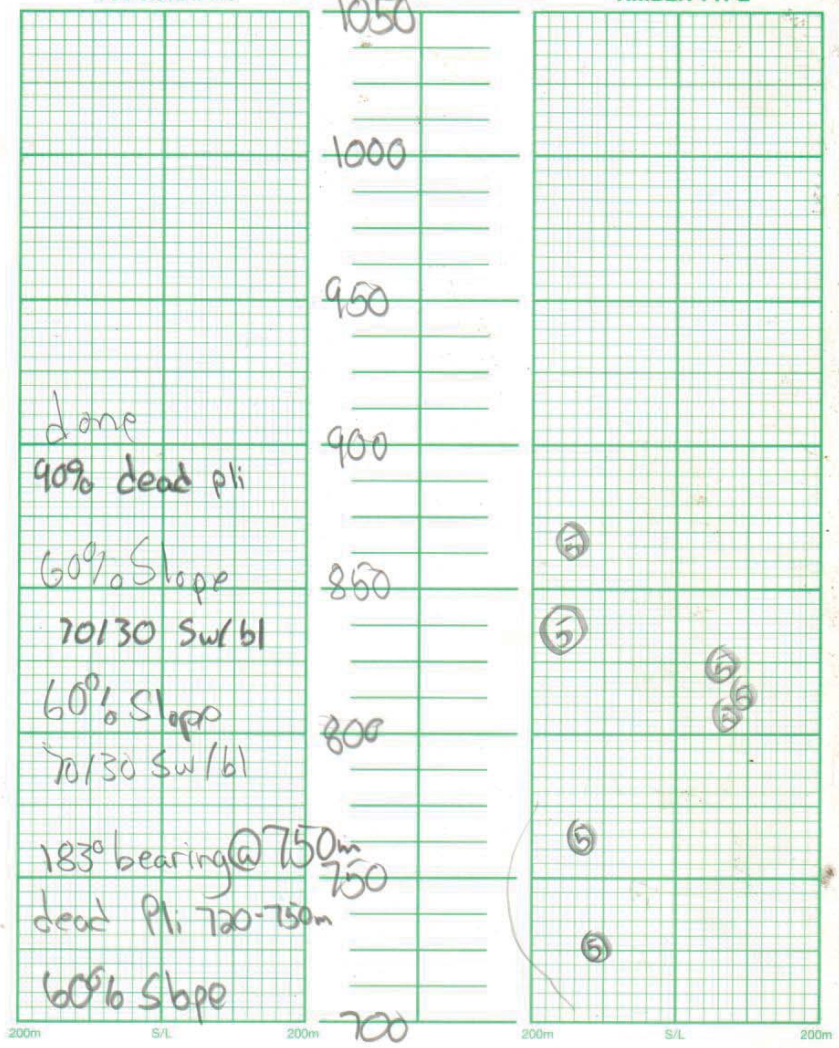
TOPOGRAPHY

STRIP No.

TIMBER TYPE



STRIP NO.: DIRECTION:

START STRIP:

JOB NO.: DATE:

CREW:

REMARKS:

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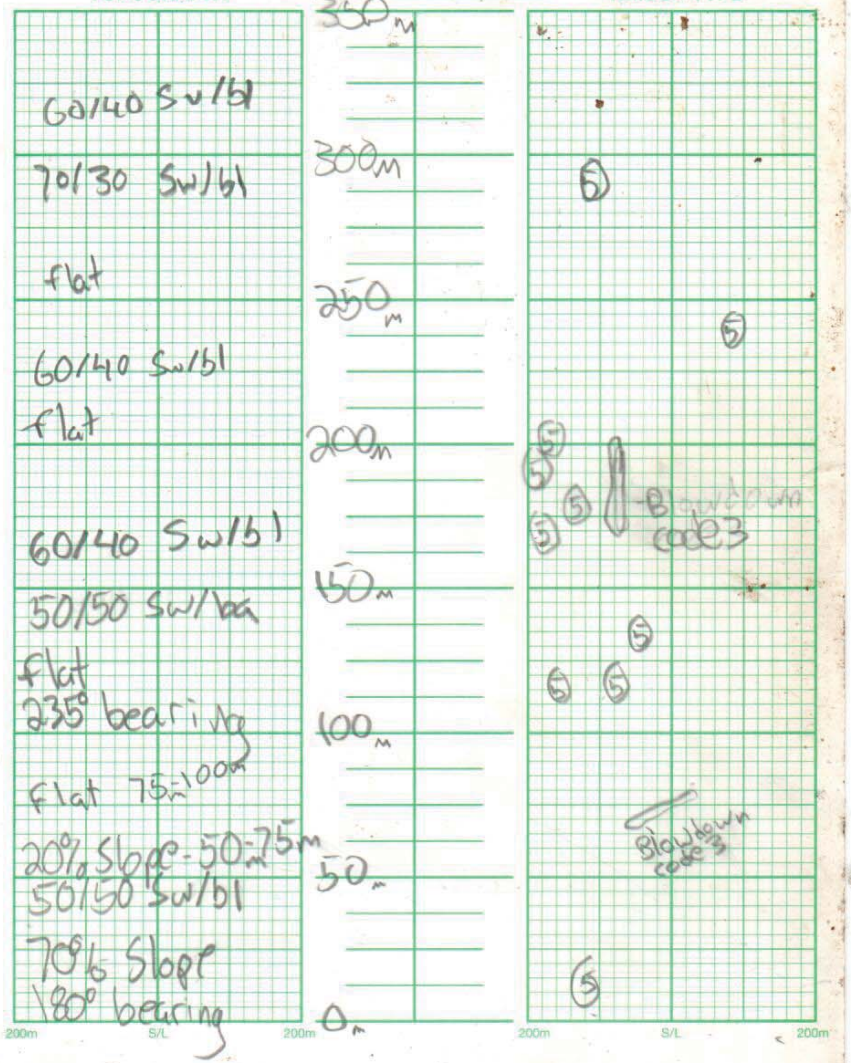
TOPOGRAPHY

STRIP No. BLA-032

TIMBER TYPE



STRIP NO.: BLA032 DIRECTION: 180° bearing

START STRIP: 10 U 0445535 6163450

JOB NO.: BLA032 DATE: Oct 21, 25, 2015

CREW: Aaron Colebank

REMARKS: hit almost exclusively south of river.

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STRIP No. BLA-032

TOPOGRAPHY		TIMBER TYPE
flat	800	
80/20 Sw/bl	700	
80/20 Sw/bl		⑤
(*) Scale Change	600m	
		⑤
80/20 Sw/bl	550m	BS5
flat		
80/20 Sw/bl	500	⑤ ③
	475	
245° bearing @ 460m	450	①
Heavy hit to left of probe 20-40m	425	① ① ①
256° bearing @ 360m ④ @ 370m also ②	400	River 410m
		① BS1 ① ① (P/O)
	350	Probe @ 360m 256° 5m (P/O) ④ 201° 5m

200m S/L 200m

STRIP NO.: DIRECTION:

START STRIP:

JOB NO.: DATE:

CREW:

REMARKS:

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STRIP No. BLA-032

TOPOGRAPHY		TIMBER TYPE
	1250	① ② ① 2 blowdown attached Code one
(*) Scale Change	1200	⑤ ⑤ ④
(*) Scale change	1100	
flat		⑤
60/40 Sw/bl	1050	⑤
		⑤ ⑤
flat		
60/40 Sw/bl	1000	
		① ②
flat river bed	950	① (P/O) ①
(*) Scale change		
246° bearing	900	
flat		⑤
70/30 / Sw/bl	800	⑤

200m S/L 200m

STRIP NO.: BLA-032 DIRECTION:

START STRIP:

JOB NO.: DATE:

CREW: Aaron Colebank

REMARKS:

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STRIP No. BLA-032

TOPOGRAPHY		TIMBER TYPE
90/10 Sw/Bl	1900	
	1800	
20% Slope 70/30 Sw/Bl		
	1700	
20% Slope 60/40 Sw/Bl		
	1600	
	1500	
	1400	
Scale Change		
	1300	
70/30 Sw/Bl		
	1250	

200m S/L 200m 200m S/L 200m

STRIP NO.: _____ DIRECTION: _____

START STRIP: _____

JOB NO.: _____ DATE: _____

CREW: _____

REMARKS: _____

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