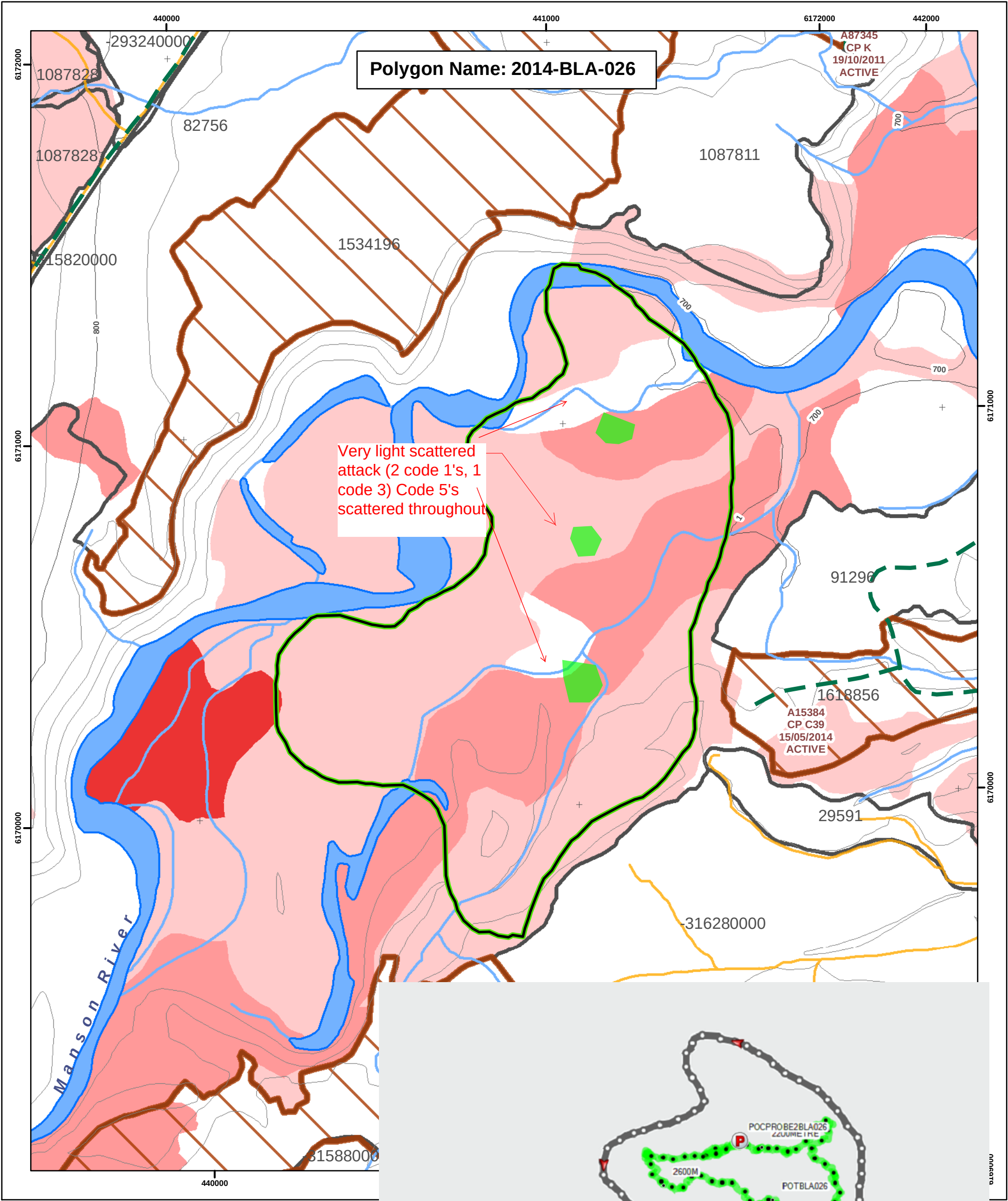






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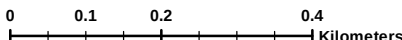
### Spruce Bark Beetle Field Map

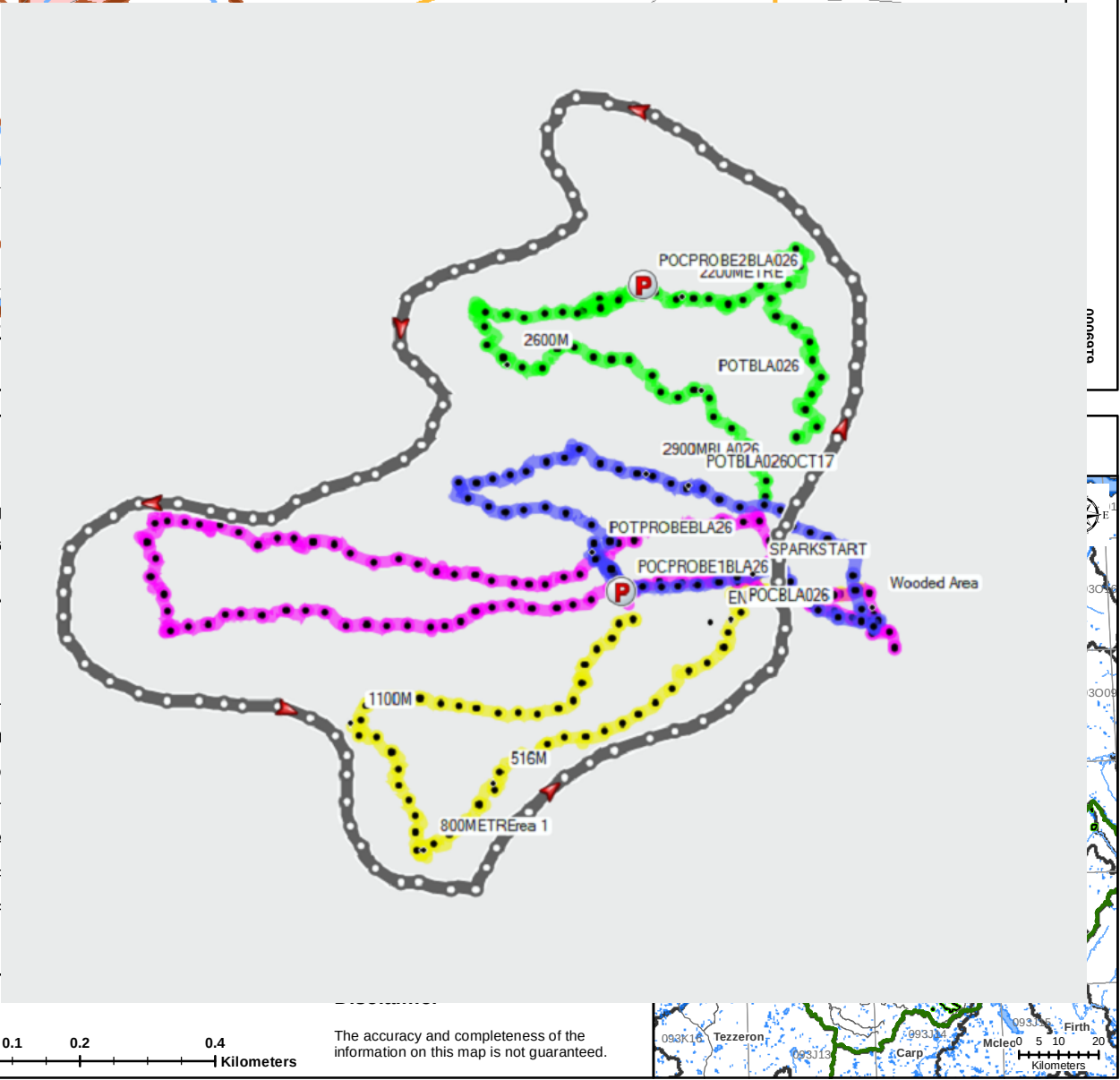
**Polygon Name: 2014-BLA-026**

|                       |                     |
|-----------------------|---------------------|
| Landscape             |                     |
| Unit/BMU:             | Blackwater          |
| Region:               | Omineca             |
| District:             | Mackenzie           |
| Mapsheet:             | 093O12              |
| Hectares:             | 106.86              |
| Scale:                | 1:10,000            |
| When plotted on 11x17 |                     |
| Coordinate System:    | PCS Albers          |
| Datum:                | North American 1983 |
| Date Drawn:           | 03/06/2015          |
| Drawn By:             | msnively            |

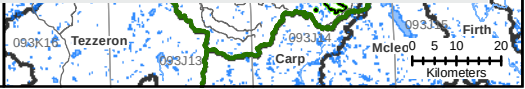
#### Map Features

- Susceptible S
- 2013 SB Hazard R
- Hazard Classes
  - Low/Med (21-
  - Med (41-60)
  - High (61-80)
  - Very High (81-
- Cutting Permit
- RESULTS Op
- Landscape Ur
- Road Permit A
- Road Permit F
- Km\_Marker\_F
- Communities





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



**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-026

HECTARES:

106.86

WALKTHROUGH DISTANCE:

5900

ESTIMATED INFESTED PIXELS FROM

WALKTHROUGH (Code 1-4)

3 5.1%

**SUMMARY OF CURRENT INFESTATION**

Walkthrough only found 2 code 1 attack and 1 code 3. There was several pitchouts also noticed amongst scattered old attack (Code 5's) Beetle is surviving but at a very low rate of spread as pprobe lines established where beetle was found.

**LIGHT SCATTERED ATTACK****ACCESS**

Accessed by rough ATV road othrough older cutblock roads. Lots of cutting for access.

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

Majority of Polygon Flat with areas of wetter areas covering a large percentage of the polygon. Lots of deciduous with roughly 60% Spruce.

**SIZE, BOUNDARY and PATTERN OF INFESTATION**

Scattered throughout Polygon aare lots of older attack code 5's Only 3 infested pixels with recent attack found (5%) and these were isolated trees within walkthrough. There were several pitchouts noticed as well. Infestation is scattered and very light.

**INCIDENCE AND SEVERITY OF ATTACK**

From 2 probe lines samples show a Moderate attack density and low Larval density/ It is very patchy with only 2 code 1 trees and 1 code 3 tree found within walkthrough. Were several unsuccesful attacked trees As well with pitchouts noticed as well as Code 5 older attack trees throughout.

**RISK OF BEETLE SPREAD**

Polygon has light intensity and has a low rate of spread within polygon. Outside of polygon, Bnorth and west is boundaried by the river and the south and east sides are older cutblocks.

**ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES**

Access is ok through old cutblock roads. Polygon itself relatively flat with lots of low lieing wetter areas.

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

**With evidence of old attack and very limited and scattered Code 1's and 3's, monitor and schedule another walkthrough 2016.**

**OPTION 2****NO ACTION**

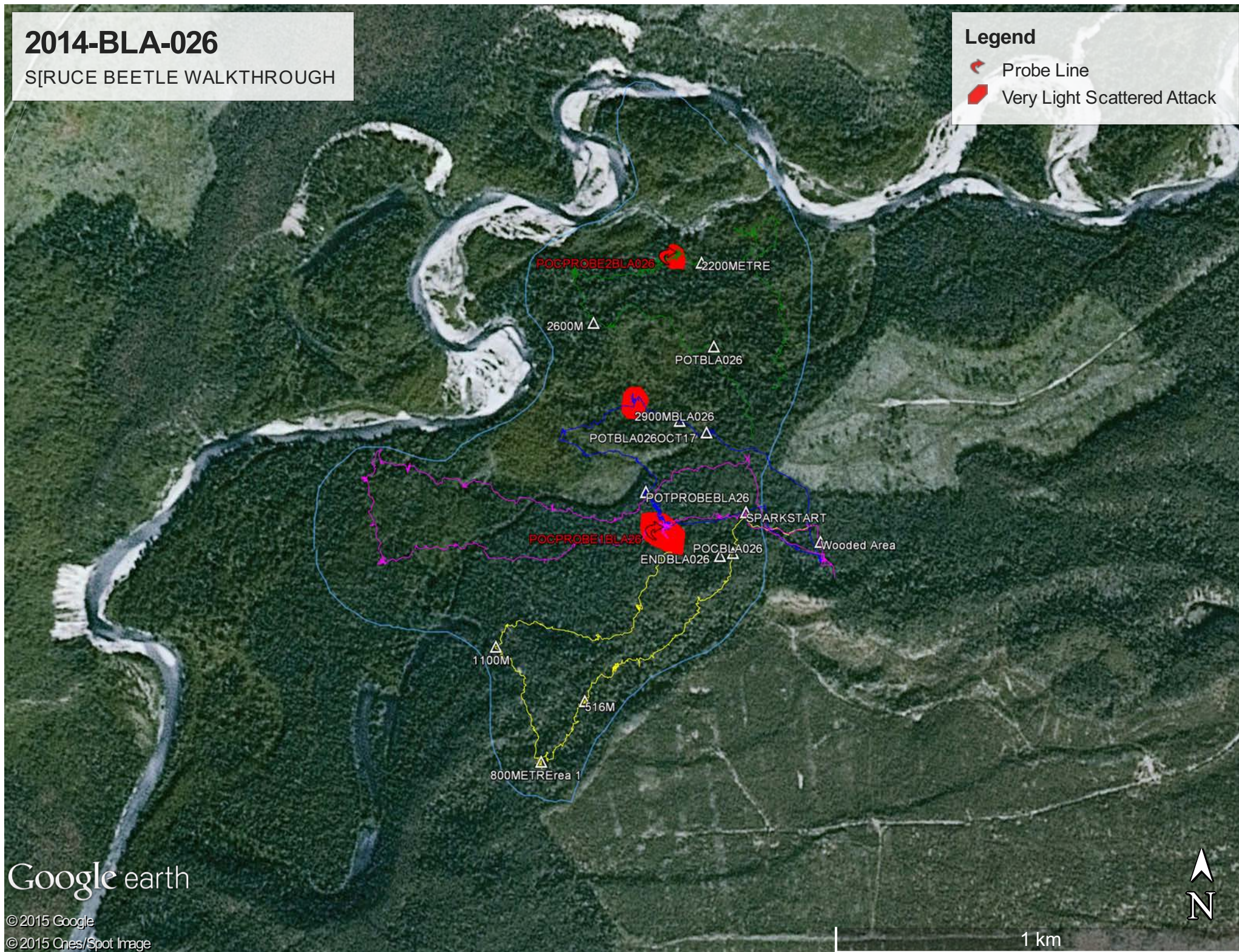
**No action required as very minimal attack and low rate of spread.**

# 2014-BLA-026

S[RUCE BEETLE WALKTHROUGH

## Legend

- Probe Line
- Very Light Scattered Attack



Google earth

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© 2015 Cnes/Spot Image

| Summary                       |     |                 |               |                                                   |             |      |
|-------------------------------|-----|-----------------|---------------|---------------------------------------------------|-------------|------|
| 2014-BLA-026                  | HEC | 106.86          | METERS WALKED | 5900                                              | % TRAVERSED | 5.5% |
| PIXELS COVERED BY WALKTHROUGH | 59  | INFESTED PIXELS | 3             | ESTIMATED % OF BLOCK INFESTED (From Walk through) |             | 5.1% |

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                 | 62.7                    | 0.0                                | 0.0 | 0.0  | 0.0 | 6.6  | 0.0 | 36.3               |
| 25.1-30.0      | 5.3                 | 47.7                    | 0.0                                | 0.0 | 0.0  | 0.0 | 5.3  | 0.0 | 90.1               |
| 30.1-35.0      | 7.1                 | 92.3                    | 0.0                                | 0.0 | 0.0  | 0.0 | 7.1  | 0.0 | 49.7               |
| 35.1-40.0      | 9.4                 | 65.8                    | 0.0                                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 47                 |
| 40.1-45.0      | 11.6                | 34.8                    | 11.6                               | 0.0 | 0.0  | 0.0 | 11.6 | 0.0 | 0                  |
| 45.1-50.0      | 13.8                | 27.6                    | 0.0                                | 0.0 | 0.0  | 0.0 | 13.8 | 0.0 | 0                  |
| 50.1-55.0      | 16.2                | 32.4                    | 0.0                                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0                  |
| 55.1-60.0      | 18.7                | 18.7                    | 18.7                               | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0                  |
| 60.1 +         | 25.3                | 75.9                    | 0.0                                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0                  |
| TOTALS         | 532.6               | 457.9                   | 30.3                               | 0   | 0.0  | 0.0 | 44.4 | 0   | 223.1              |

TABLE 4- Spruce Beetle Attack Density and Larval Density Rating

| MEAN NO. OF<br>ENTRANCE HOLES PER<br>225 cm2 PHLOEM<br>SAMPLE | < 1 LOW Attack Density        |  | MEAN NO. OF<br>LIVING LARVAE<br>PER 225 cm2<br>PHLOEM SAMPLE | < 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   |  |
| 1.50                                                          | < 3.9 SEVERE Attack Density   |  | 4.50                                                         | >24.9 EXTREME Mean Larval Density  |  |

TABLE 2- Spruce Beetle Management Options after Walkthrough

|                 |       |     |                                                |         |                                         |       |
|-----------------|-------|-----|------------------------------------------------|---------|-----------------------------------------|-------|
| % 2015 ATTACK   | 5.7%  | 5.7 | SANITATION AND SALVAGE HARVEST PRIORITY RATING |         |                                         |       |
| % 2014 ATTACK   | 0.0%  | ##  | LIGHT                                          | 0-599   | LEAVE (Monitor, Trap Trees, Baits, etc) | 547.8 |
| % 2013 ATTACK   | 8.3%  | ##  | MODERATE                                       | 600-999 | PROBE (To Obtain Further Info)          |       |
| % HOST IN STAND | 70.5% | ##  | HEAVY                                          | 1000+   | RECOMMEND CRUISING/ LOGGING             |       |

From 2 probe lines where attacked trees found.

| SUMMARY OF ALL CARDS<br>FS1111                                                                                                                                                                                                                                                                    |                        |                                                                                                                                            |                                    |               |                     |               | NUMBER OF<br>CARDS     |          | 2                  |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------|---------------------|---------------|------------------------|----------|--------------------|----|
| ACCESS -                                                                                                                                                                                                                                                                                          |                        | Accessed by rough ATV road othrough older cutblock roads. Lots of cutting for access.                                                      |                                    |               |                     |               |                        |          |                    |    |
| POLYGON<br>FEATURES -                                                                                                                                                                                                                                                                             |                        | Majority of Polygon Flat with areas of wetter areas covering a large percentage of the polygon. Lots of deciduous with roughly 60% Spruce. |                                    |               |                     |               |                        |          |                    |    |
| DIAMETER CLASS                                                                                                                                                                                                                                                                                    | SURFACE AREA<br>FACTOR | NUMBER OF<br>HEALTHY<br>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                    | 19                                                                                                                                         | 0                                  | 0             | 0                   | 0             | 2                      | 0        | 11                 | 0  |
| 25.1-30.0                                                                                                                                                                                                                                                                                         | 5.3                    | 9                                                                                                                                          | 0                                  | 0             | 0                   | 0             | 1                      | 0        | 13                 | 4  |
| 30.1-35.0                                                                                                                                                                                                                                                                                         | 7.1                    | 13                                                                                                                                         | 0                                  | 0             | 0                   | 0             | 1                      | 0        | 5                  | 2  |
| 35.1-40.0                                                                                                                                                                                                                                                                                         | 9.4                    | 7                                                                                                                                          | 0                                  | 0             | 0                   | 0             | 0                      | 0        | 4                  | 1  |
| 40.1-45.0                                                                                                                                                                                                                                                                                         | 11.6                   | 3                                                                                                                                          | 1                                  | 0             | 0                   | 0             | 1                      | 0        | 0                  | 0  |
| 45.1-50.0                                                                                                                                                                                                                                                                                         | 13.8                   | 2                                                                                                                                          | 0                                  | 0             | 0                   | 0             | 1                      | 0        | 0                  | 0  |
| 50.1-55.0                                                                                                                                                                                                                                                                                         | 16.2                   | 2                                                                                                                                          | 0                                  | 0             | 0                   | 0             | 0                      | 0        | 0                  | 0  |
| 55.1-60.0                                                                                                                                                                                                                                                                                         | 18.7                   | 1                                                                                                                                          | 1                                  | 0             | 0                   | 0             | 0                      | 0        | 0                  | 0  |
| 60.1 +                                                                                                                                                                                                                                                                                            | 25.3                   | 3                                                                                                                                          | 0                                  | 0             | 0                   | 0             | 0                      | 0        | 0                  | 0  |
| TOTALS                                                                                                                                                                                                                                                                                            |                        | 59                                                                                                                                         | 2                                  | 0             | 0                   | 0             | 6                      | 0        | 33                 | 7  |
| BARK SAMPLES<br>15 cm x 15 cm                                                                                                                                                                                                                                                                     |                        | NO.<br>ENTRANC<br>E HOLES                                                                                                                  | NO. PARENT<br>ADULTS               | NO.<br>LARVAE | NO. PUPAE<br>ADULTS | NO.<br>CALLOW | FRESH (GREEN) BLOWDOWN |          |                    |    |
|                                                                                                                                                                                                                                                                                                   |                        |                                                                                                                                            |                                    |               |                     |               | Attacked<br>Y r        | Y r ____ | Unattacked         |    |
| 4                                                                                                                                                                                                                                                                                                 |                        | 6                                                                                                                                          | 3                                  | 18            | 2                   | 18            | 0                      | 0        | 0                  |    |
|                                                                                                                                                                                                                                                                                                   |                        |                                                                                                                                            |                                    |               |                     |               |                        |          |                    |    |
| SIZE, BOUNDARY AND PATTERN OF THE INFESTATION                                                                                                                                                                                                                                                     |                        |                                                                                                                                            |                                    |               |                     |               |                        |          |                    |    |
| Scattered throughout Polygon aare lots of older attack code 5's Only 3 infested pixels with recent attack found (5%) and these were isolated trees within walkthrough. There were several pitchouts noticed as well. Infestation is scattered and very light.                                     |                        |                                                                                                                                            |                                    |               |                     |               |                        |          |                    |    |
| INCIDENCE AND SEVERITY OF THE INFESTATION                                                                                                                                                                                                                                                         |                        |                                                                                                                                            |                                    |               |                     |               |                        |          |                    |    |
| From 2 probe lines samples show a Moderate attack density and low Larval density/ It is very patchy with only 2 code 1 trees and 1 code 3 tree found within walkthrough. Were several unsuccessful attacked trees As well with pitchouts noticed as well as Code 5 older attack trees throughout. |                        |                                                                                                                                            |                                    |               |                     |               |                        |          |                    |    |
| RISK OF BEETLE SPREAD                                                                                                                                                                                                                                                                             |                        |                                                                                                                                            |                                    |               |                     |               |                        |          |                    |    |
| Polygon has light intensity and has a low rate of spread within polygon. Outside of polygon, Bnorth and west is boundaried by the river and the south and east sides are older cutblocks.                                                                                                         |                        |                                                                                                                                            |                                    |               |                     |               |                        |          |                    |    |
| ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES                                                                                                                                                                                                                                     |                        |                                                                                                                                            |                                    |               |                     |               |                        |          |                    |    |
| Access is ok through old cutblock roads. Polygon itself relatively flat with lots of low lieing wetter areas.                                                                                                                                                                                     |                        |                                                                                                                                            |                                    |               |                     |               |                        |          |                    |    |

SIZE, BOUNDARY AND PATTERN OF THE INFESTATION

Scattered throughout Polygon aare lots of older attack code 5's Only 3 infested pixels with recent attack found (5%) and these were isolated trees within walkthrough. There were several pitchouts noticed as well. Infestation is scattered and very light.

INCIDENCE AND SEVERITY OF THE INFESTATION

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ACCESS, OPERABILITY and INTEGRATED RESOURCE MANAGEMENT ISSUES

Access is ok through old cutblock roads. Polygon itself relatively flat with lots of low lieing wetter areas.

# BEETLE PROBE CARD

| LOCATION<br>104 BIA-026<br>0411112<br>6170447 |                          | ELEVATION               | LATITUDE                           | PAGE                                                                                                               | OF                |                             |            |   |                    |       |     |
|-----------------------------------------------|--------------------------|-------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------|------------|---|--------------------|-------|-----|
| BEARING<br>242                                | STRIP LINE NO<br>Probe 2 | STRIP WIDTH<br>10m      | DISTANCE<br>100m                   | BEETLE SPECIES<br><input checked="" type="checkbox"/> SB <input type="checkbox"/> MPB <input type="checkbox"/> 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                      | N/A                     |                                    |                                                                                                                    |                   |                             |            |   |                    | BA    | EP  |
| 17.5 - 25.0                                   | 3.3                      |                         |                                    |                                                                                                                    |                   |                             |            |   |                    | N/A   | W/A |
| 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                                        |                          | 15                      | 1                                  |                                                                                                                    |                   |                             |            |   |                    | 29    | 3   |
| BARK SAMPLES<br>15cm x 15cm                   | NO. ENTRANCE HOLES       | NO. PARENT ADULTS       | NO. LARVAE                         | NO. PUPAE                                                                                                          | NO. CALLOW ADULTS | FRESH (GREEN) BLOWDOWN      |            |   |                    |       |     |
|                                               |                          |                         |                                    |                                                                                                                    |                   | Attacked                    | Unattacked |   |                    |       |     |
| North                                         | 8                        |                         |                                    |                                                                                                                    |                   |                             |            |   |                    |       |     |
| South                                         |                          |                         |                                    |                                                                                                                    |                   |                             |            |   |                    |       |     |
| COMMENTS<br>Bark Sample                       |                          |                         |                                    |                                                                                                                    |                   |                             |            |   |                    |       |     |
| CREW NAMES<br>Haron Colebank                  |                          |                         |                                    |                                                                                                                    |                   | DATE<br>Y M D<br>2015/10/17 |            |   |                    |       |     |

# BEETLE PROBE CARD

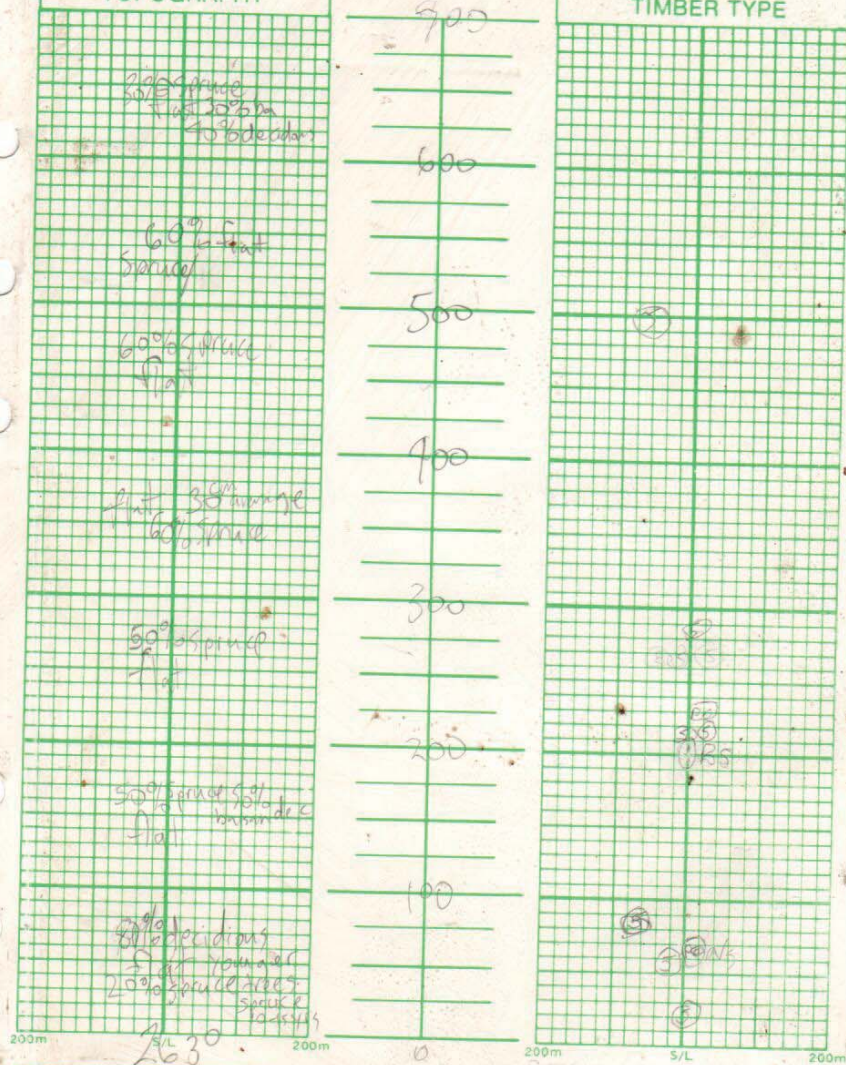
| LOCATION<br>0441061 0441027<br>6170319 6170406                                                       |                          | ELEVATION               | LATITUDE                           | PAGE                                                                                                    | OF                |                           |            |   |                    |       |     |
|------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------|---------------------------|------------|---|--------------------|-------|-----|
| BEARING<br>339                                                                                       | STRIP LINE NO<br>Bla 026 | STRIP WIDTH             | DISTANCE                           | BEETLE SPECIES<br><input type="checkbox"/> SB <input type="checkbox"/> MPB <input type="checkbox"/> 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 |     |
| <del>12.5 - 17.4</del>                                                                               | 2.0                      |                         |                                    |                                                                                                         |                   |                           |            |   |                    | BA    | Bla |
| 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                                                                                               |                          | 43                      | 1                                  |                                                                                                         |                   |                           |            | 6 | 5                  |       | 4   |
| BARK SAMPLES<br>15cm x 15cm                                                                          | NO. ENTRANCE HOLES       | NO. PARENT ADULTS       | NO. LARVAE                         | NO. PUPAE                                                                                               | NO. CALLOW ADULTS | FRESH (GREEN) BLOWDOWN    |            |   |                    |       |     |
|                                                                                                      |                          |                         |                                    |                                                                                                         |                   | Attacked                  | Unattacked |   |                    |       |     |
| North                                                                                                |                          |                         |                                    |                                                                                                         |                   |                           |            |   |                    |       |     |
| South                                                                                                |                          |                         |                                    |                                                                                                         |                   |                           |            |   |                    |       |     |
| COMMENTS<br>location of bark sample 441012<br>possible strip attack, no beetles<br>larvae blue stain |                          |                         |                                    |                                                                                                         |                   |                           |            |   |                    |       |     |
| CREW NAMES<br>Brandon Sparks                                                                         |                          |                         |                                    |                                                                                                         |                   | DATE<br>Y M D<br>15/10/16 |            |   |                    |       |     |

MINISTRY OF FORESTS

COMPASS AND TRAVERSE SHEET

TOPOGRAPHY

TIMBER TYPE

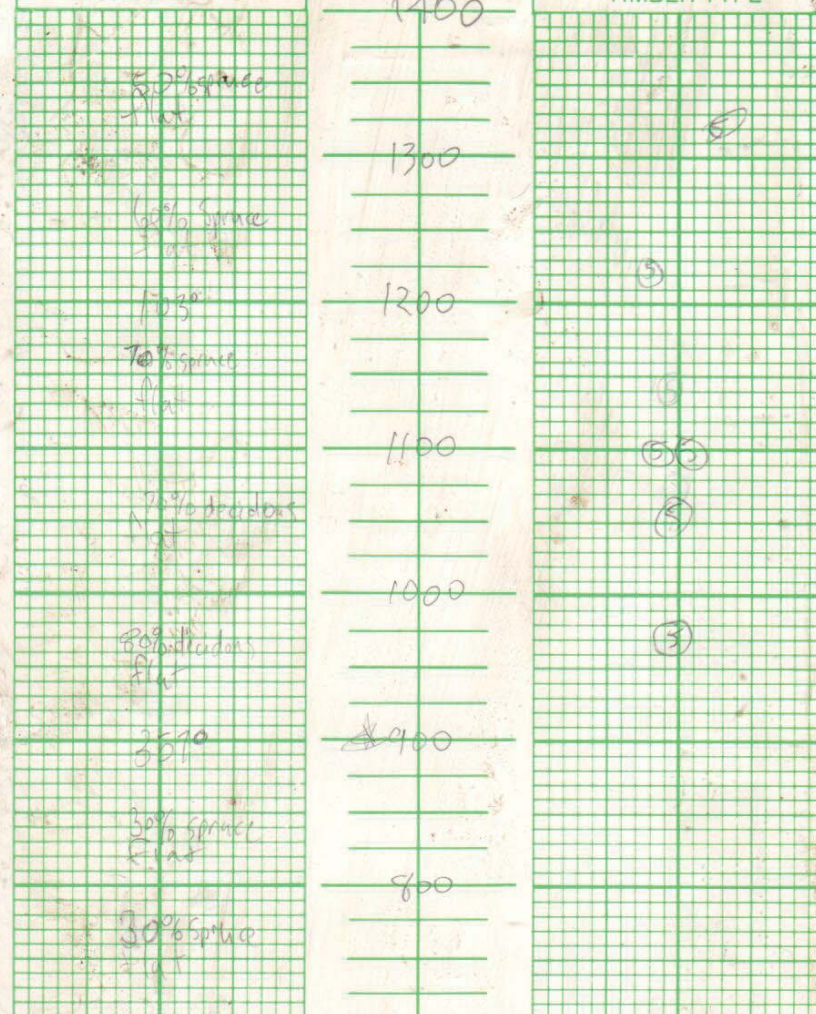


MINISTRY OF FORESTS

COMPASS AND TRAVERSE SHEET

TOPOGRAPHY

TIMBER TYPE



|                     |         |                 |
|---------------------|---------|-----------------|
| C.P. No.            | BLOCK   | START OF STRIP  |
| DIRECTION 263°      | Bla 026 | 5549 521        |
| JOB NO.             | DATE    | 123 56032       |
| CREW Brandon Sparks |         | October 16/2015 |
| REMARKS             |         |                 |

MINISTRY OF FORESTS

COMPASS AND TRAVERSE SHEET

TOPOGRAPHY

TIMBER TYPE

|                       |      |     |
|-----------------------|------|-----|
| 20% deciduous<br>flat | 2100 |     |
|                       |      |     |
| 80% deciduous<br>flat | 2000 |     |
|                       |      |     |
| 75% spruce<br>flat    | 1900 | (P) |
|                       |      |     |
| 75% spruce<br>flat    | 1800 | (P) |
|                       |      |     |
| 60% spruce<br>flat    | 1700 |     |
|                       |      |     |
| 75% spruce<br>flat    | 1600 |     |
|                       |      |     |
| 50% spruce<br>flat    | 1500 |     |
|                       |      |     |
| 50% spruce<br>flat    | 1400 |     |
|                       |      |     |

|           |                |                |
|-----------|----------------|----------------|
| C.P. No.  | BLOCK          | Bao26          |
| DIRECTION | 83°, 75°       | START OF STRIP |
| JOB NO.   |                | DATE           |
| CREW      | Brandon Sparks |                |

MINISTRY OF FORESTS

COMPASS AND TRAVERSE SHEET

TOPOGRAPHY

TIMBER TYPE

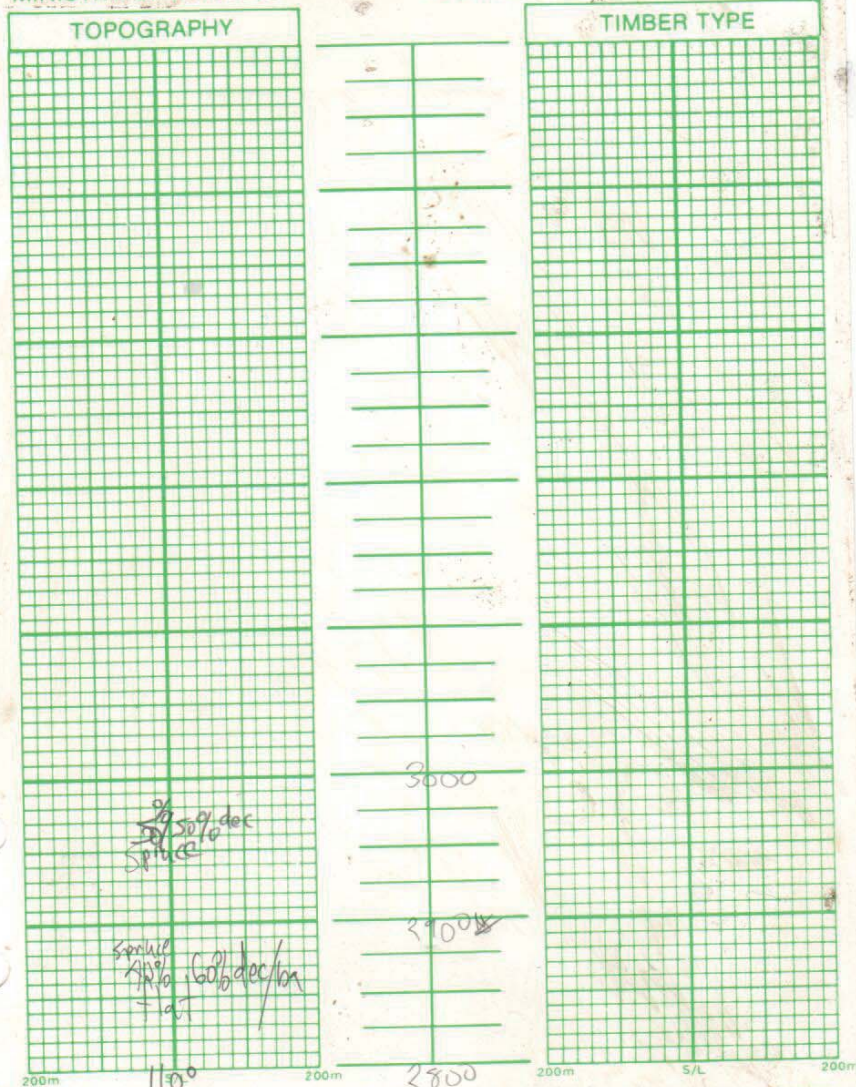
|                       |      |     |
|-----------------------|------|-----|
| 20% deciduous<br>flat | 2900 |     |
|                       |      |     |
| 80% deciduous<br>flat | 2700 |     |
|                       |      |     |
| 85% spruce<br>flat    | 2600 | (P) |
|                       |      |     |
| 90% spruce<br>flat    | 2500 | (P) |
|                       |      |     |
| 20% spruce<br>flat    | 2400 |     |
|                       |      |     |
| 20% spruce<br>flat    | 2300 |     |
|                       |      |     |
| 80% spruce<br>flat    |      |     |
|                       |      |     |
| 80% spruce<br>flat    |      |     |
|                       |      |     |

|           |                |                |
|-----------|----------------|----------------|
| C.P. No.  | BLOCK          | Bao26          |
| DIRECTION | 83°, 75°       | START OF STRIP |
| JOB NO.   |                | DATE           |
| CREW      | Brandon Sparks |                |

### COMPASS AND TRAVERSE SHEET

## TOPOGRAPHY

## TIMBER TYPE



C.P. No.

BLOCK

Fla 026

DIRECTION

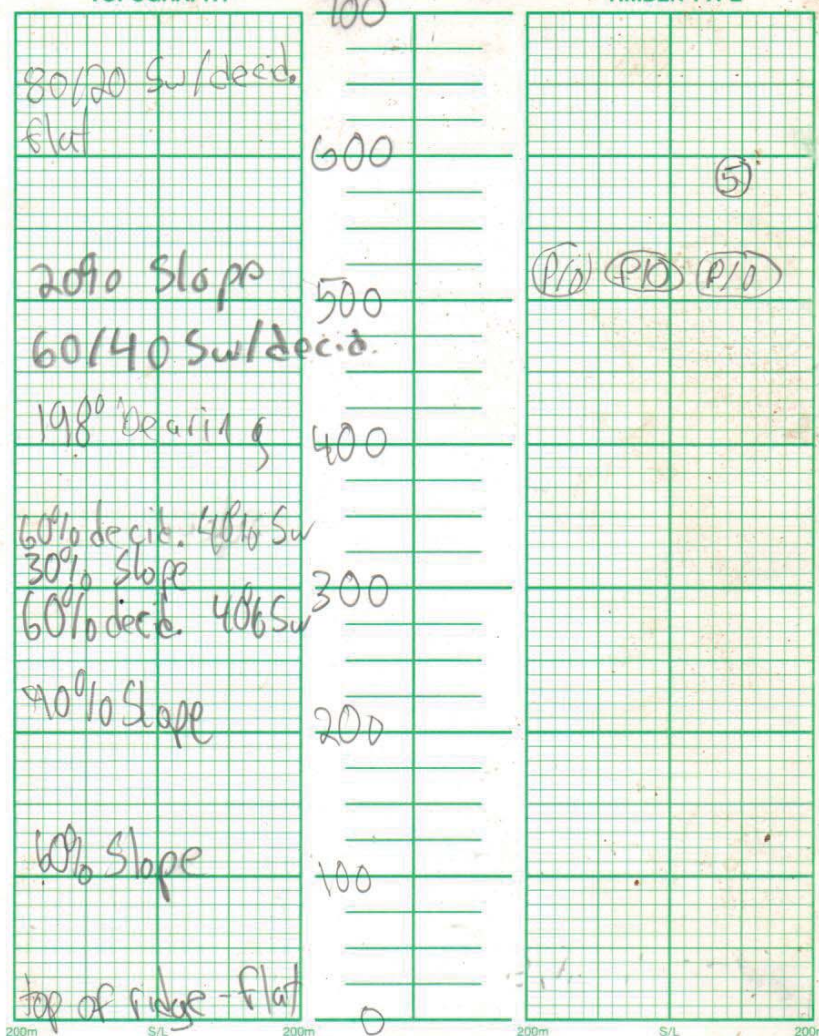
START OF STRIP

## TOPOGRAPHY

STRIP No

BLA-026

**TIMBER TYPE**



STRIP NO.:

BLA - 026

**DIRECTION:**

206

**START STRIP:**

10 u 044 1238 6170254

**JOB NO.:**

BLA - 026

DATE: \_\_\_\_\_

Oct 17, 2015

**CREW:**

Aaron Colebant, Brandon Sparks



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

| TOPOGRAPHY                  | STRIP No. <b>BLA-026</b> | TIMBER TYPE |
|-----------------------------|--------------------------|-------------|
| Flat                        | 1400                     |             |
| 76/30 BL/SW                 | 1300                     |             |
| 70/30 BL/SW                 |                          |             |
| Flat                        | 1200                     |             |
| 52° bearing                 |                          |             |
| 30% Sw                      |                          |             |
| Flat                        | 1100                     |             |
| 30% Sw                      |                          |             |
| 60% Slope then flat @ 1080m | 1000                     |             |
| 80% decid.                  |                          |             |
| 60% Slope                   | 900                      |             |
|                             |                          |             |
| 30% bearing                 | 800                      |             |
|                             |                          |             |
| 70/30 decid/Sw              | 700                      |             |

STRIP NO.: \_\_\_\_\_ DIRECTION: \_\_\_\_\_

START STRIP: \_\_\_\_\_

JOB NO.: \_\_\_\_\_ DATE: \_\_\_\_\_

CREW: \_\_\_\_\_

REMARKS: \_\_\_\_\_



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| TOPOGRAPHY            | STRIP No. <b>BLA-026</b> | TIMBER TYPE |
|-----------------------|--------------------------|-------------|
| Bearing change 237°   | 2100                     |             |
| See photo             |                          |             |
| River Unable to cross | 2000                     |             |
| 60/40 Sw/decid        |                          |             |
| flat                  | 1900                     |             |
| 60/40 Sw/decid        |                          |             |
| flat                  | 1800                     |             |
| 60/40 Sw/decid        |                          |             |
| flat                  | 1700                     |             |
| 333° bearing          |                          |             |
| NEW POC Oct 17        |                          |             |
| End Oct 16th          | 1600                     |             |
|                       |                          |             |
|                       | 1500                     |             |
|                       |                          |             |
| 350° bearing @ 1470m  |                          |             |
| flat                  | 1400                     |             |

STRIP NO.: \_\_\_\_\_ DIRECTION: \_\_\_\_\_

START STRIP: \_\_\_\_\_

JOB NO.: \_\_\_\_\_ DATE: \_\_\_\_\_

CREW: \_\_\_\_\_

REMARKS: \_\_\_\_\_



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TOPOGRAPHY STRIP No. 2600 TIMBER TYPE

Bearing 142°

⊗ Scale change 2400

2375

2350 m

2325

2300 m

2275 m

Probe 2 starts

⊗ Scale change bearing 248

2250 m

2225 m

2200 m

2100 m

Probe 2 ends 2370 m

Back Sample

5m

5m

STRIP NO.: \_\_\_\_\_ DIRECTION: \_\_\_\_\_

START STRIP: \_\_\_\_\_

JOB NO.: \_\_\_\_\_ DATE: \_\_\_\_\_

CREW: \_\_\_\_\_

REMARKS: \_\_\_\_\_

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TOPOGRAPHY STRIP No. BLA-026 TIMBER TYPE

Stop

2200 m

2100 m

2000 m

1900 m

1800 m

1700 m

1600 m

1500 m

1400 m

1300 m

1200 m

1100 m

1000 m

900 m

800 m

700 m

600 m

500 m

400 m

300 m

200 m

100 m

0 m

70/30 Sw/ba

Flat

60/40 Sw/ba

6

70/30 Sw/ba

72° bearing

2800

2700

2600

STRIP NO.: \_\_\_\_\_ DIRECTION: \_\_\_\_\_

START STRIP: \_\_\_\_\_

JOB NO.: \_\_\_\_\_ DATE: \_\_\_\_\_

CREW: \_\_\_\_\_

REMARKS: \_\_\_\_\_

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