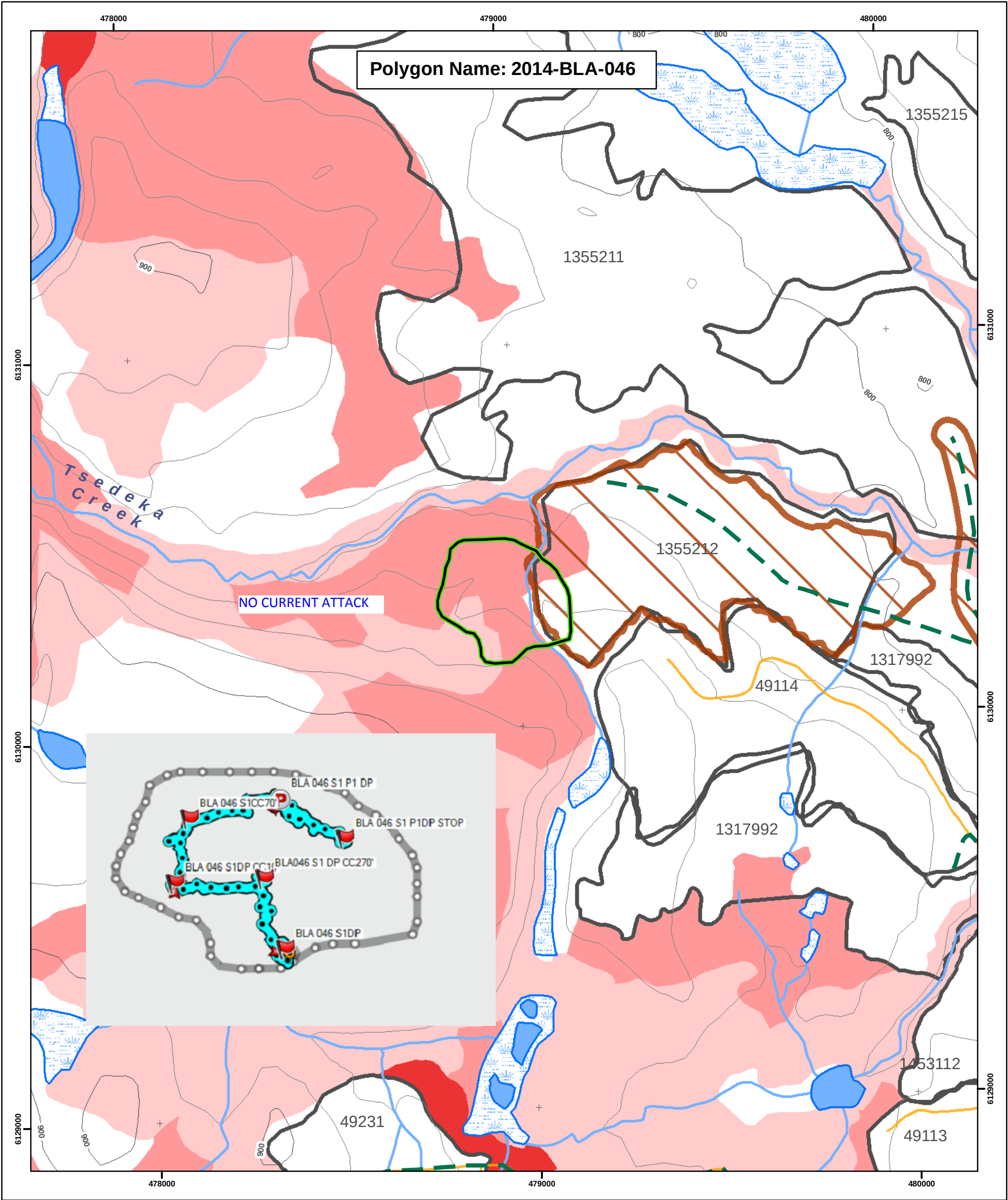




### Spruce Bark Beetle Field Map

**Polygon Name: 2014-BLA-046**

Landscape Unit/BMU: Blackwater

Region: Omineca

District: Mackenzie

Mapsheet: 093O06

Hectares: 8.39

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 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

**Protected Lands Designation**

- First Nations Reserves
- Mackenzie District
- OGMA Legal Current
- Ungulate Winter Range
- Wildlife Habitat Area
- Ecological Reserve
- Protected Area
- Provincial Park
- Contour - Index
- Contour - Intermediate
- Streams
- Lakes and Rivers
- Wetlands

**Disclaimer**

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

**Key Map**

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**SPRUCE BARK BEETLE REPORT  
FH16DMK010**

POLYGON: BLA-046

HECTARES:

8.39

WALKTHROUGH DISTANCE:

500

ESTIMATED INFESTED PIXELS FROM  
WALKTHROUGH (Code 1-4)

0 0.0%

**SUMMARY OF CURRENT INFESTATION**

Walkthrough of Polygon showed no attack.

NO ATTACK, NO ACTION

**ACCESS**

Access via truck until deactivation just off mainline 1.5km from Block. Atv 1.5km, than walk 300m to East edge of Polygon.

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

Flat with Drainage on Eastern edge with moderate slope. 70% spruce within Polygon, DBH 30-35cm

**SIZE, BOUNDARY and PATTERN OF INFESTATION**

There was no attack found, several dead pine with widely spaced spruce.

**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**

Truck and ATV access from east

**RECOMMENDATIONS****OPTION 1**

NO ACTION

No beetle found on Walkthrough,

**OPTION 2**

NO ACTION

# BLA-046

## SPRUCE BEETLE WALKTHROUGH

### Legend

- Polygon Boundary
- Probe Lines



Google earth

© 2015 Google  
© 2015 Cnes/Spot Image



300 m

| Summary                       |     |                 |               |                                                   |             |      |
|-------------------------------|-----|-----------------|---------------|---------------------------------------------------|-------------|------|
| BLA-046                       | HEC | 8.39            | METERS WALKED | 500                                               | % TRAVERSED | 6.0% |
| PIXELS COVERED BY WALKTHROUGH | 5   | INFESTED PIXELS | 0             | ESTIMATED % OF BLOCK INFESTED (From Walk through) |             | 0.0% |

TABLE 5- Spruce Beetle Infestation Summary Sheet

# SPRUCE BEETLE PROBE CARD

|                       |  |                                |  |                   |  |
|-----------------------|--|--------------------------------|--|-------------------|--|
| LOCATION<br>BLA - 046 |  | N. 55° 19.197<br>W 123° 19.875 |  | PAGE 1 OF 1       |  |
| BEARING<br>130°       |  | DISTANCE<br>100m               |  | STRIP WIDTH<br>10 |  |

| 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                 |                         |                                    |   |   |   |   |   | BLA-046 POPLAR     |
| 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         |                     | 22                      |                                    |   |   |   |   |   | 2 9                |

| BARK SAMPLES<br>15cm x 15cm | NO. ENTRANCE HOLES | NO. PARENT ADULTS | NO. LARVAE | NO. PUPAE | NO. CALLOW ADULTS | FRESH (GREEN) BLOWDOWN |            |
|-----------------------------|--------------------|-------------------|------------|-----------|-------------------|------------------------|------------|
|                             |                    |                   |            |           |                   | Attacked               | Unattacked |
| N. SAMPLE                   | NONE               | 1                 | 1          | 1         | 1                 |                        |            |
| S. SAMPLE                   | NONE               | 1                 | 1          | 1         | 1                 |                        |            |

COMMENTS

CREW NAMES

DON & DAVE

DATE

Y M D

15 10 29

## TOPOGRAPHY

STRIP No. 1

## TIMBER TYPE

| TOPOGRAPHY |     | STRIP No. 1 | TIMBER TYPE |  |
|------------|-----|-------------|-------------|--|
|            |     | 700m        |             |  |
|            |     |             |             |  |
|            |     | 600m        |             |  |
|            |     |             |             |  |
|            |     | 500m        |             |  |
|            |     |             |             |  |
| 5          | 5   | 400m        |             |  |
|            |     |             |             |  |
| N.A        | N.A | 300m        |             |  |
|            |     |             |             |  |
| N.A        | N.A | 200m        |             |  |
|            |     |             |             |  |
| N.A        | N.A | 100m        |             |  |
|            |     |             |             |  |
| N.A        | N.A |             |             |  |
|            |     |             |             |  |

WIDE SPACED SX  
20% AVG D.B.H  
35-40 FLAT GROUND  
Some Blowdown

SX AT 5% AVG  
D.B.H. 35-40  
DEAD PINE FLATS

DROPS DOWN HERE  
4% GRADE SX AT 5%  
AVG D.B.H 35-40  
MOSTLY DEAD PINE

FLAT Some ALDER  
WIDE SPACED  
SX AT 20%  
AVG D.B.H 35-40

DROPS DOWN HERE  
FLAT OPEN CANOPY  
WIDE SPACED SX  
20% AVG D.B.H  
35-40

STRIP NO.: 1

DIRECTION: 360°

START STRIP: 100m

JOB NO.: BLA 046 DATE: OCT 129/15

CREW: DON &amp; DAVE

REMARKS:



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