Fire N70261, 2015, Sitkum-Duhamel – appendix to post-wildfire risk analysis report

Photos, following two pages.

Maps (11x17 pages)

1. BARC burn severity map. Also available as a separate file. (N70261_BARC_11x17_final.pdf)

2. High-resolution (0.5m) false-colour-infrared satellite image, taken 22 and 23 August 2015. Fire perimeter and watersheds are overlaid on this and other maps.

3. Medium-resolution (2.5m) satellite image, taken in 2008. The 2007 Sitkum Creek fire is in the north part of the image.

4. LIDAR hillshade image of the fire area. In this image, the apparent “sun” location is in the northeast (azimuth 45°).

5. Airey Creek fan, 1 m contour map derived from LIDAR data. Scale is 1:2000. (Map is rotated left; north is to the left.) GPS waypoints and track from field investigation are shown. Approximate building locations are from Data BC map layer; there are many houses not shown.

6. Airey Creek fan, LIDAR hillshade map, 1:2000 scale, covering same area as Map 5.



Overview of the Sitkum-Duhamel fire, 30 July 2015. Airey Creek fan is at lower right.



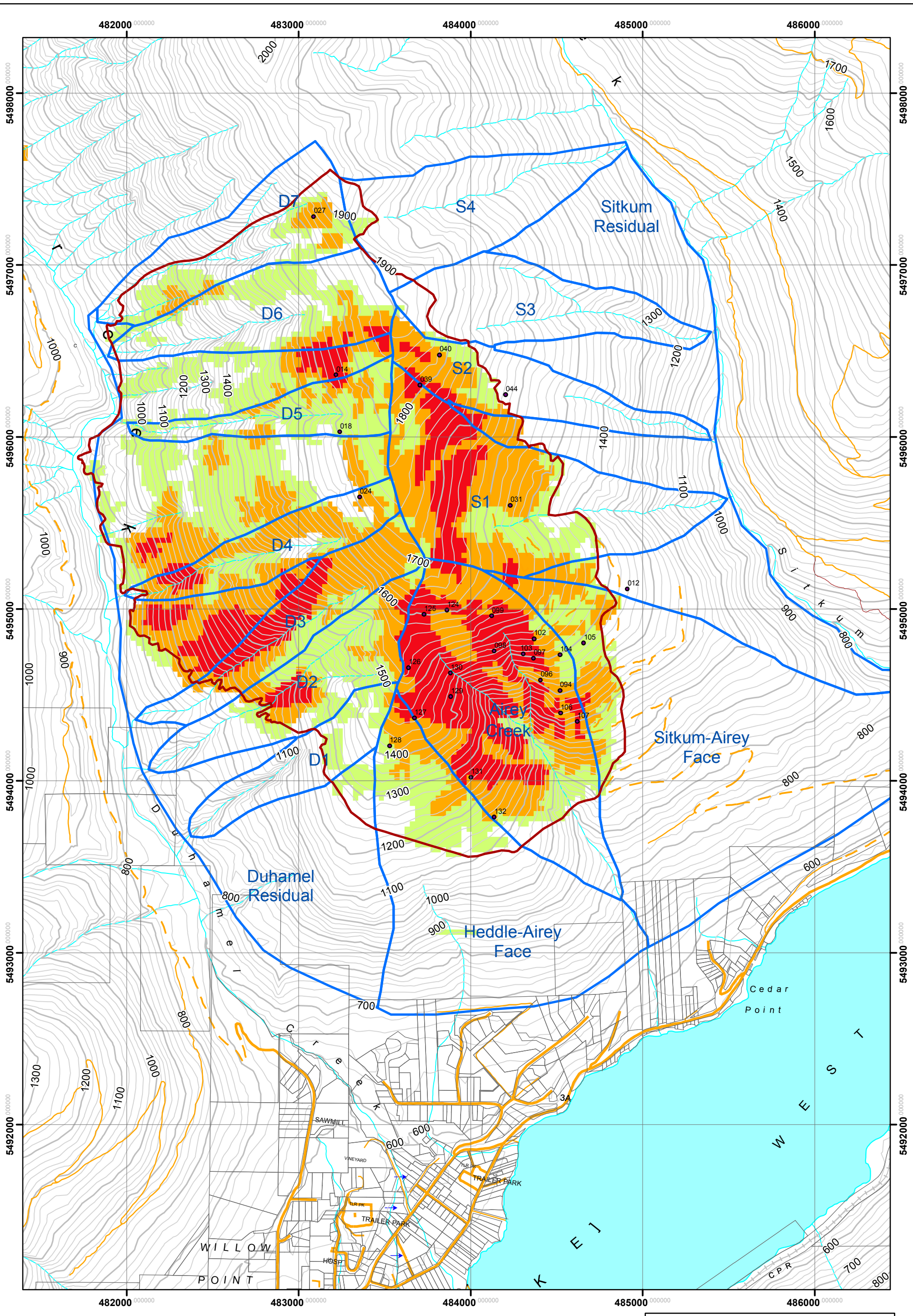
Infrared photo of the Sitkum-Duhamel fire, 30 July 2015. Airey Creek is in lower centre. High burn severity areas appear black in the near-infrared, and deciduous vegetation is nearly white..



View of S1 gully entering Sitkum Creek. Photo taken 15 July 2015, while the fire is still burning.



View of the fire burning in the Duhamel Creek watershed, 15 July 2015.



Legend

- FirePolygon
- Watersheds
- Field Plots
- Unburned
- Low
- Moderate
- High

N70261 Burn Severity

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Kilometers

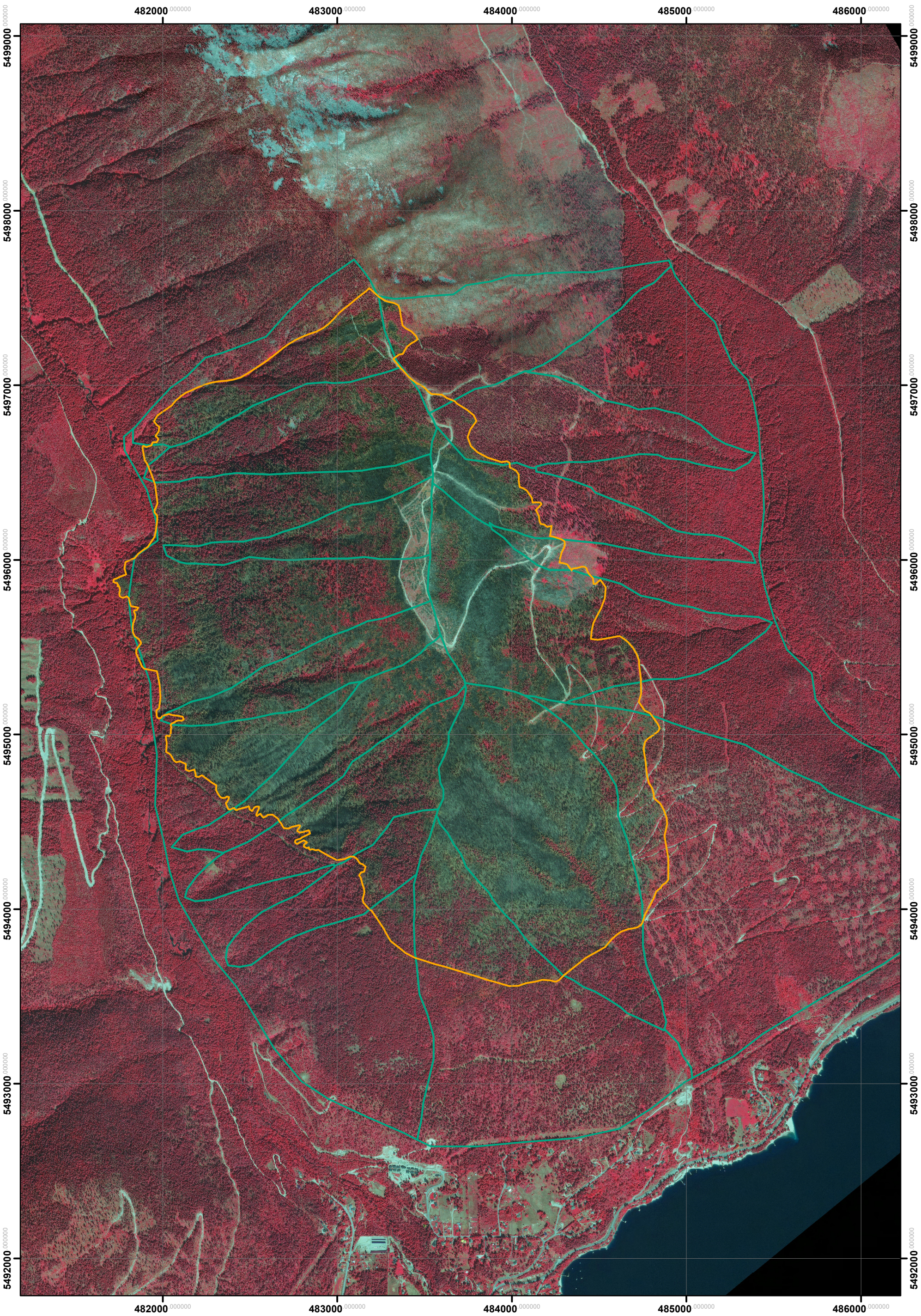
Data Sources and Notes

Disclaimer:
Fire information is updated as it is received. Information shown on this map may not reflect the most current fire situation and therefore should only be used for reference purposes.

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Filename: **N70261_BARC_11x17P_PJ**
Projection: **NAD 1983 UTM Zone 11N**
Datum: **North American 1983**
Date/Time Created/Revised: **Sep 16, 2015 1615**
Created by: **pjordan**

BRITISH COLUMBIA



Legend

- FirePolygon
- Watersheds

N70261 2015 Satellite Image 0.5m FCIR

0 0.25 0.5 1
Kilometers

Data Sources and Notes

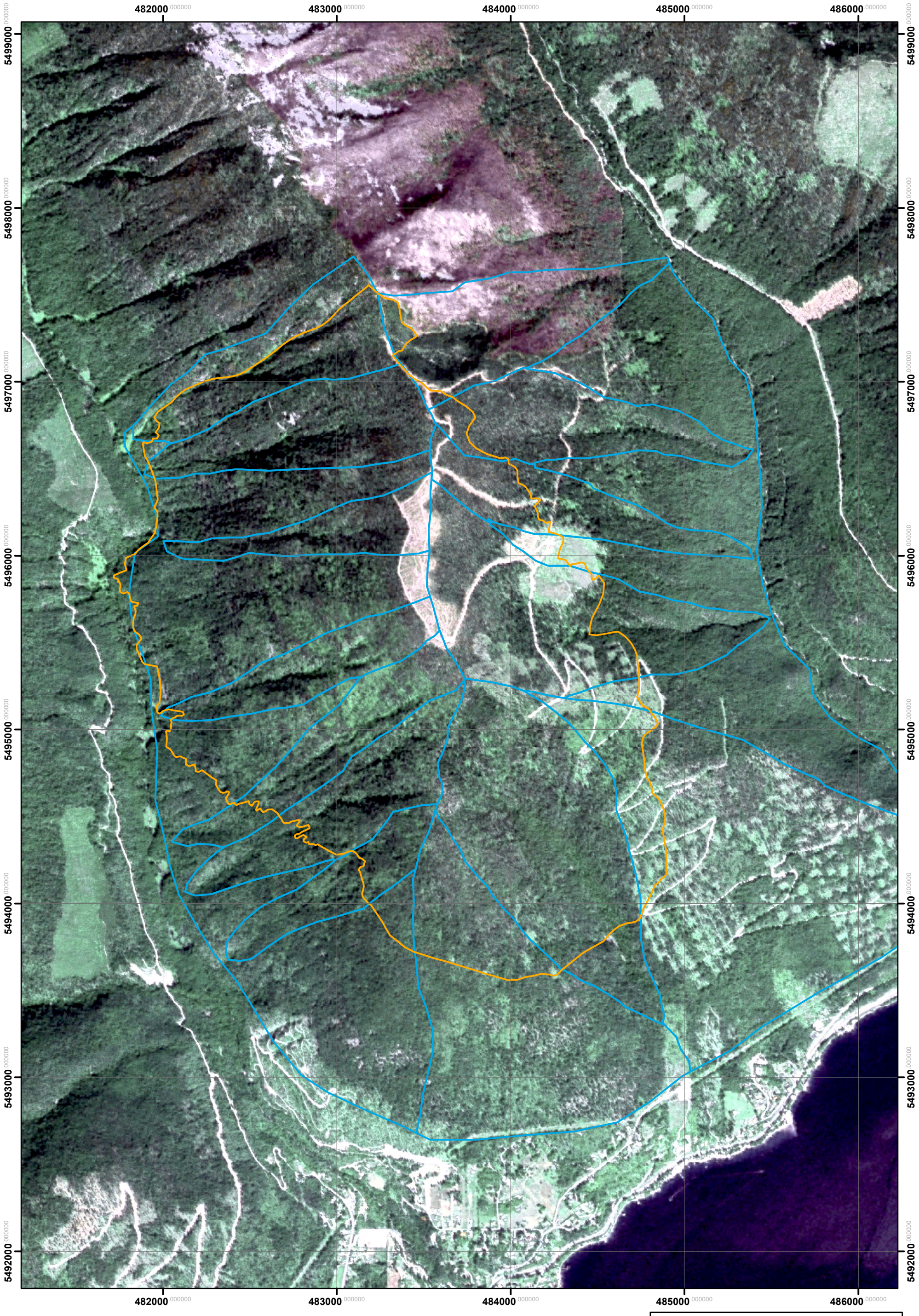
Disclaimer:
Fire information is updated as it is received. Information shown on this map may not reflect the most current fire situation and therefore should only be used for reference purposes.

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Filename: **N70261_Satellite_11x17_PJ**
Projection: **NAD 1983 UTM Zone 11N**
Datum: **North American 1983**
Date/Time Created/Revised: **Sep 18, 2015 1035**
Created by: **pjordan**

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BRITISH COLUMBIA



N70261 Pre-fire Satellite Image 2.5m 2008

Legend

- FirePolygon
- Watersheds

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Kilometers

Data Sources and Notes

Disclaimer:
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Filename: **N70261_Satellite_11x17_PJ**
Projection: **NAD 1983 UTM Zone 11N**
Datum: **North American 1983**
Date/Time Created/Revised: **Sep 18, 2015 1042**
Created by: **pjordan**

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N70261 2015 Hillshade image from LIDAR data

LIDAR data provided by Kalesnikoff Lumber Co. Ltd.
Hillshade azimuth 45 deg.

Legend

- FirePolygon
- Watersheds

0 0.25 0.5 1
Kilometers

Data Sources and Notes

Disclaimer:
Fire information is updated as it is received. Information shown on this map may not reflect the most current fire situation and therefore should only be used for reference purposes.

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Filename: **N70261_LIDAR_11x17_PJ**
Projection: **NAD 1983 UTM Zone 11N**
Datum: **North American 1983**
Date/Time Created/Revised: **Sep 22, 2015 1234**
Created by: **pjordan**

BRITISH COLUMBIA

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