



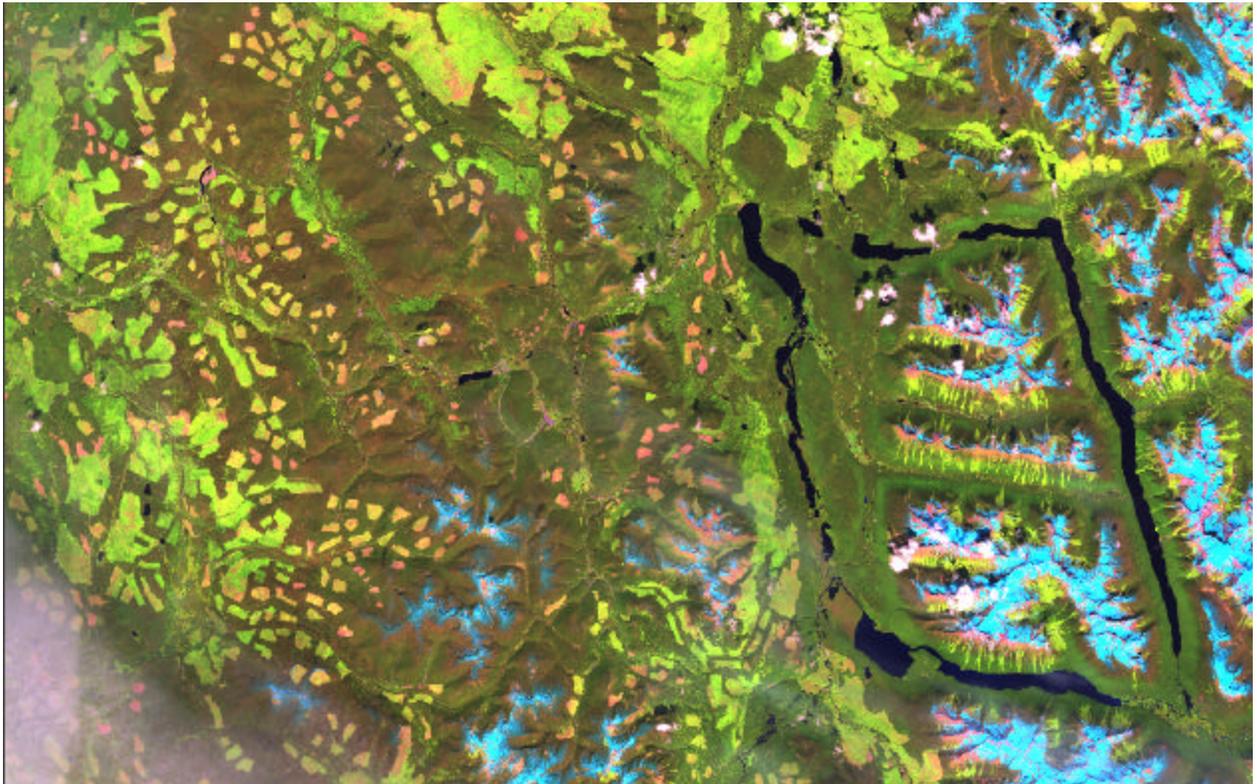
Global Forest Watch Canada *Linking Forests and People*

Satellite Imagery *Canada's Large Intact Forest Landscapes*

These following two pictures are taken from a sample Landsat 7 ETM+ satellite image, one of over 1400 images from the three different satellites (Landsat 7, Landsat 5 and Terre ASTER) employed in our research. These pictures, or images, have been selected to illustrate the power of the satellite imaging technology. Landsat 7 satellite images have a resolution of approximately 30 metres, which permits the user to view many of the disturbance features sought as part of the research for *Canada's Large Intact Forest Landscapes*.

The U.S. National Aeronautics and Space Administration via the University of Maryland's Global Land Cover Facility provided this particular image. This satellite image was collected during from the summer of the year 2000. The satellite image depicts an area near the Bowron Lakes in British Columbia, south east of Prince George.

The first picture gives you an idea of the breadth of landscape visible in a satellite image. Here one can see clearly to the naked eye, snow and glacier covered mountain tops, the rectangular arrangement of the Bowron Lakes as well as the dark green of forests and the light pink and light green of the soil and undergrowth exposed by the patterns of larger and smaller clearcuts.





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This second picture gives you an idea of the power of the satellite image to reveal disturbances. To emphasize the new information provided by this high-resolution satellite image we have zoomed into the scene depicted in the first image and added in a set of red lines depicting the known road network in this particular area. With high-resolution satellite images such as these we were able to detect roads and other disturbances to the forest that were not recorded on topographical maps or other public sources of data.

