

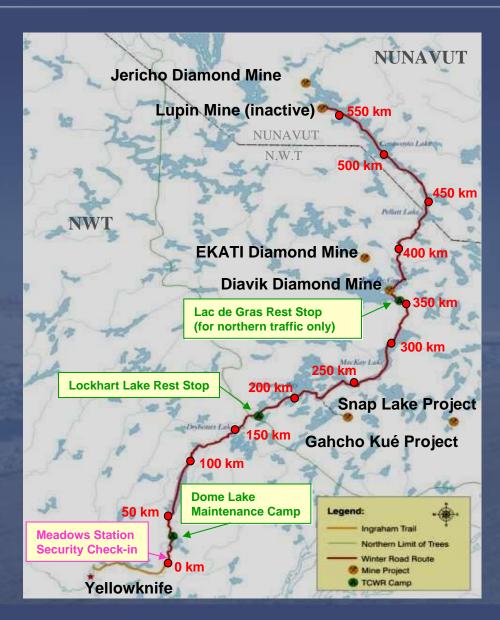


# **Tibbitt to Contwoyto Winter Road**

The winter road is the main supply road for the EKATI, Diavik and Jericho diamond mines, the Snap Lake mine development, and several other mineral exploration projects.







# The Tibbitt to Contwoyto Winter Road Route

Note: A secondary route provides an additional 100 km/s of ice road capacity at the south end.











## **Some Winter Road Facts**

- 600 km long 85% of the road is over lake ice
- The road has 64 numbered portages, and four key way-points:
  - Meadows Station (7 km): Security Check In & Dispatch
     Point
  - Dome Lake Camp (35 km): Maintenance Camp
  - Lockhart Lake Camp (170 km): First Rest Stop
  - Lac de Gras Camp (350 km): Second Rest Stop (for Lupin/Jericho traffic only)





## **Historical Data**

| Year | Road<br>Opened | Road<br>Closed | Storm closures | "Super B" capacity reached * | Number of truck loads north ** |
|------|----------------|----------------|----------------|------------------------------|--------------------------------|
| 2007 | January 28     | April 9        | 3 days         | February 26                  | 10,922                         |
| 2006 | February 4     | March 26       | 11.6 days      | not reached                  | 6841                           |
| 2005 | January 26     | April 5        | 4.5 days       | February 20                  | 7607                           |
| 2004 | January 28     | March 31       | 3.3 days       | February 23                  | 5091                           |
| 2003 | February 1     | April 2        | 3.5 days       | February 21                  | 5243                           |
| 2002 | January 26     | April 16       | 9.7 days       | February 22                  | 7735                           |
| 2001 | February 1     | April 13       | 11.8 days      | ~ March 3                    | 7981                           |
| 2000 | January 29     | April 3        | n/a            | n/a                          | 3703                           |

<sup>\*</sup> Super B trucks are the largest highway truck configuration used.

<sup>\*\*</sup> Does not include backhauls south.





## Ice Thickness

 The ice thickness is measured regularly to determine which trucks and sizes of loads can be allowed to drive safely on the winter road









## **Building Ice**

 To help Mother Nature, the ice road is thickened, reinforced and regularly repaired by flooding followed by grading.









## Winter Road Maintenance







# Road Rerouting

 On some lakes, traffic may be re-routed to new lanes to avoid damaged or rough sections of ice, and additional "express lanes" allow returning, empty trucks to travel more quickly at 60 km/hour.





# **Speed Limits**

