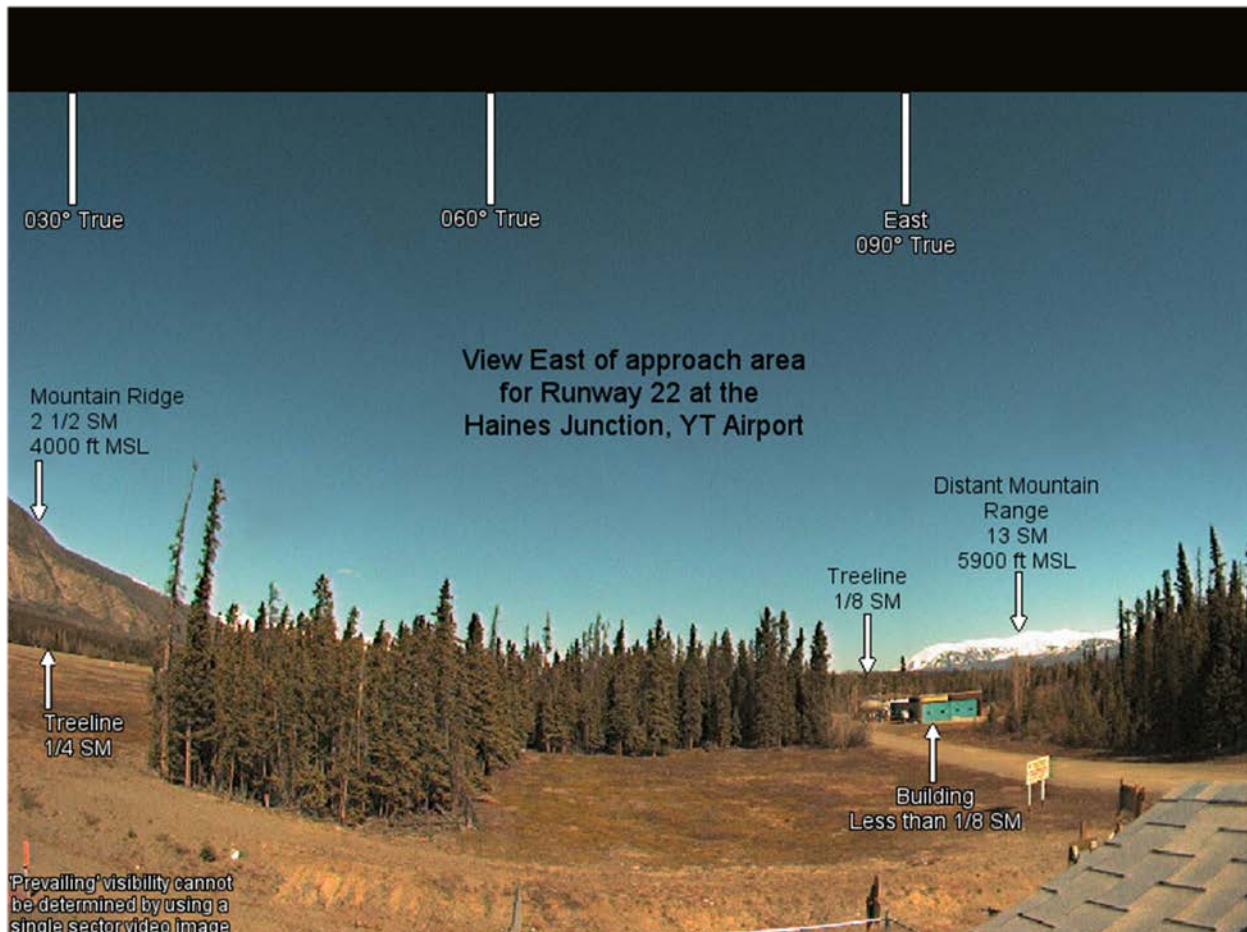


# HOW TO CREATE A VISIBILITY INDEX

- **Equipment:**
  - Camera, GPS, Google Earth
- On a clear sunny day, find a spot in or near town with a good line of sight up to 15 km
- Take several photographs along the line of sight
- Record the spot on your GPS
- Identify prominent landmarks at the following approximate straight-line distances:
  - ½ km
  - 1 km
  - 5 km
  - 10 km
  - 15 km
- Distance to nearby landmarks may be measured by GPS, while more distant landmarks may be measured on Google Earth
- Annotate your photograph with labels depicting your landmarks, and their distance from the camera. This may be done using Microsoft Paint or other image editing software.
- On smoky days, this image may be used as a reference to estimate the PM2.5
- Example of a visibility index can be seen below from NavCanada



Credit: NavCanada