

# THIS IS AVALANCHE TERRAIN

## TOMBSTONE TERRITORIAL PARK EASTERN REGION

**Warning:** Mountain travel is dangerous. Hazards exist. Spotting hazards and assessing their risk is your responsibility. Decision guides like the Avaluator cannot eliminate these hazards, but will help you understand and manage them. The Avaluator is no substitute for training, experience, and choosing skilled and responsible travel partners. Use the Avaluator and the information in this brochure at your own risk. Travel the backcountry at your own risk.

**Terrain Assessment Map Warning:** This map is illustrative only and should not be used to determine precise routes or location of features. The terrain ratings shown are an approximation and may assist with trip planning. Use the information provided on this map at your own risk.



### FIND THE AVALANCHE TERRAIN RATINGS FOR YOUR ROUTE



**SIMPLE**  
Exposure to low angle or primarily forested terrain. Some forest openings may involve the runout zones of infrequent avalanches. Many options to reduce or eliminate exposure.



**CHALLENGING**  
Exposure to well defined avalanche paths, starting zones or terrain traps; options exist to reduce or eliminate exposure with careful route finding. Glacier travel is straightforward but crevasse hazard may exist.



**COMPLEX**  
Exposure to multiple overlapping avalanche paths or large expanses of steep, open terrain; multiple avalanche starting zones or terrain traps below; minimal options to reduce exposure. Complicated glacier travel with extensive crevasse bands or icefalls.

**Connect with us:**  
Yukon Avalanche Association  
Yukon Parks & Attractions  
Yukon Parks & Attractions  
Yukon Parks & Attractions

867-993-6850  
Yukon Parks Klondike office (Dawson City):  
867-667-5648, toll free 1-800-661-0408, ext. 5648  
yukon.parks@gov.yk.ca

**Yukon Parks Main office (Whitehorse):**  
avalanche.ca  
yukonparks.ca  
yukonavalanche.ca

#### FURTHER INFORMATION:

Avalanche safety training courses equip you to get the most out of your mountain backcountry experience. Knowledge, planning and carrying the proper safety equipment are the keys to fully experiencing Canada's spectacular mountain terrain.

#### TRAINING:

**Emergencies**  
There is no cell phone coverage in Tombstone Territorial Park. Satellite phone coverage can be adversely affected by vegetation and topography in some locations.



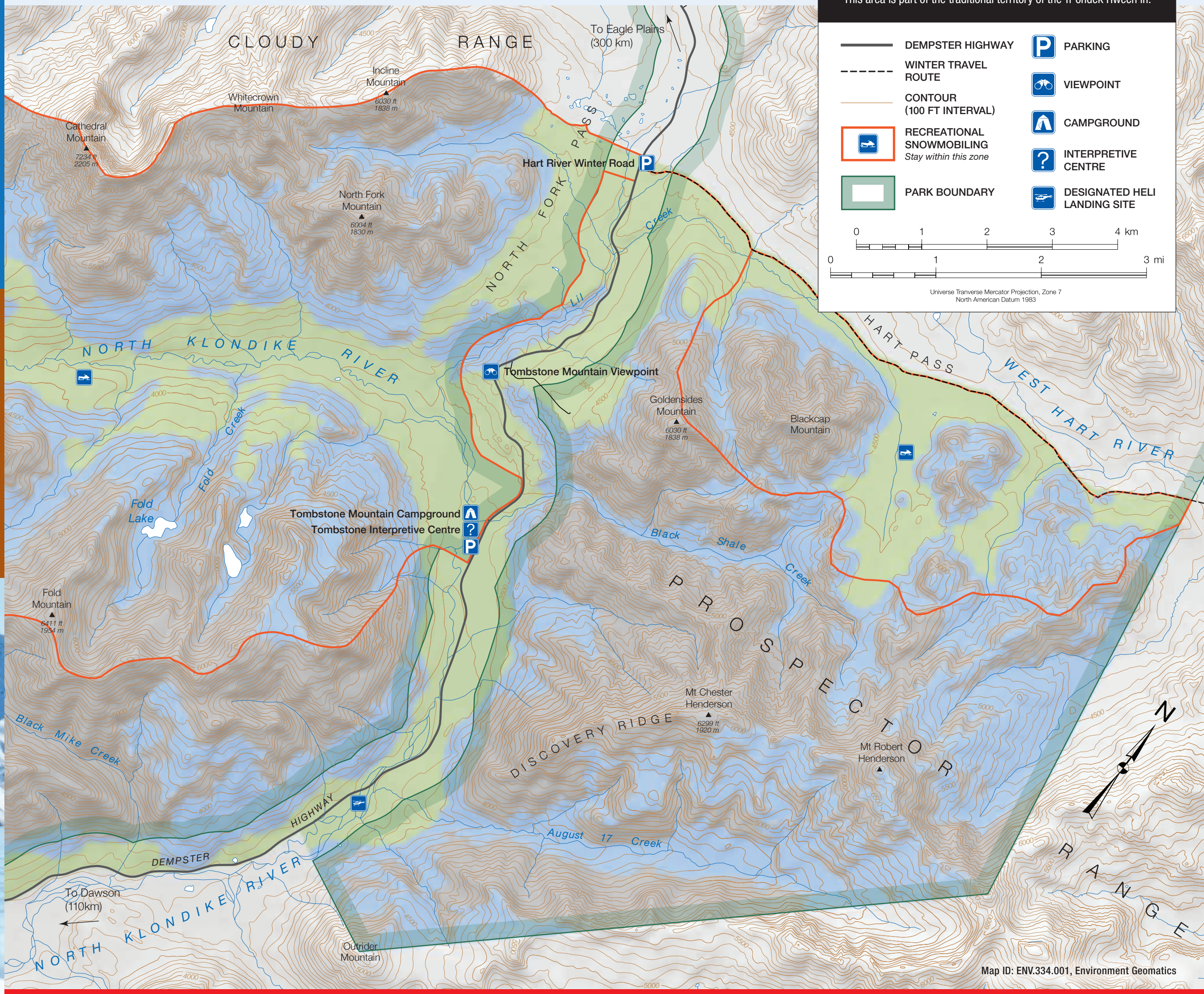
**EMERGENCY CONTACT:**  
911 or 867-993-5555

#### TERRAIN GUIDE



## TOMBSTONE TERRITORIAL PARK TERRAIN GUIDE

FOR ALL BACKCOUNTRY USERS



### CHECK YOUR ROUTE-PLANNING DECISIONS



If you have knowledge of the avalanche conditions, the **Avaluator™ Slope Evaluation Tool (V.2.0)** may be used as a check during your decision making.

Recreationists with only basic training and little or no experience may be exposed to greater risk due to the uncertainty they will face in assessing conditions. Talk to a local avalanche expert or make conservative decisions.

Check current and recent weather at [yukonparks.ca](http://yukonparks.ca), 'Winter Recreation in Tombstone'.



**If you are heading out with no knowledge of conditions, stick to 'SIMPLE' TERRAIN with limited exposure to steep slopes, unless you have the skills and background to evaluate conditions in the field.**

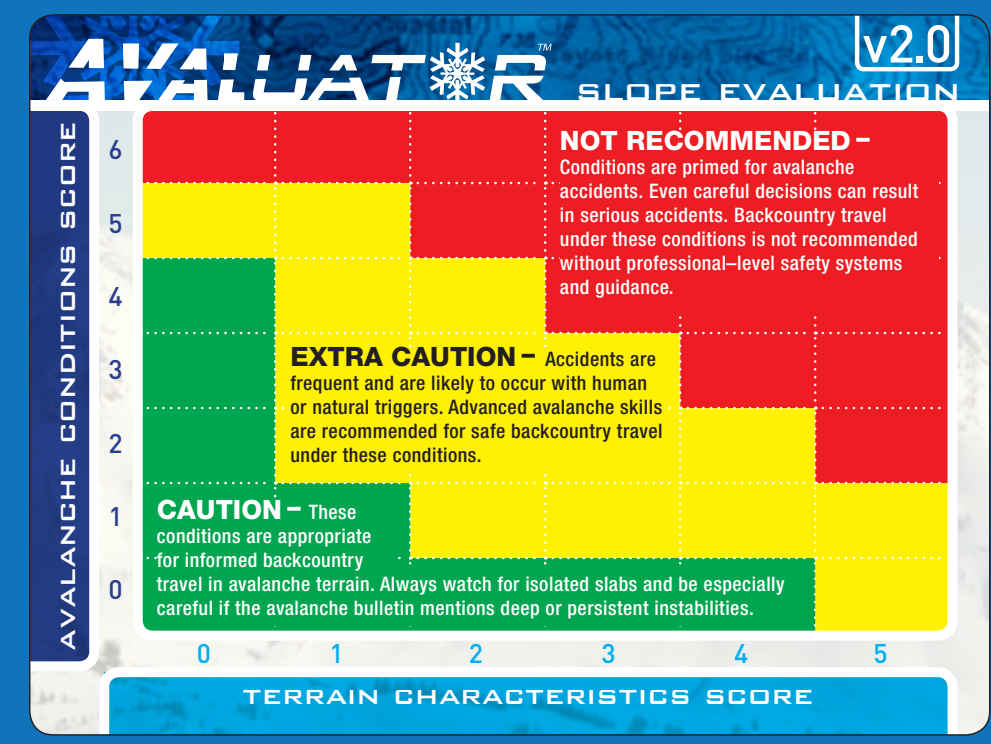


Use the score card below to calculate the avalanche conditions and terrain characteristics for your route.

AVALANCHE CONDITIONS		TERRAIN CHARACTERISTICS	
<b>Regional Danger Rating:</b> Is the avalanche danger rating "Considerable" or higher?	+1	<b>Slope Steepness:</b> Is the slope steepness between 30 and 35 degrees?	+1
<b>Persistent Avalanche Problem:</b> Is there a persistent or deep persistent slab problem in the snowpack?	+1	Or Is the slope steeper than 35 degrees?	+2
<b>Slab Avalanches:</b> Are there signs of slab avalanches from today or yesterday?	+1	<b>Terrain Traps:</b> Are there gullies, trees or cliffs that increase the consequences of being caught in an avalanche?	+1
<b>Signs of Instability:</b> Are there signs of snowpack instability including whumpfs, shooting cracks or drum-like sounds?	+1	<b>Slope Shape:</b> Is the slope convex or unsupported?	+1
<b>Recent Loading:</b> Has there been loading within the past 48 hours including roughly 30 cm of new snow or more, significant wind transport or rain?	+1	<b>Forest Density:</b> Is the slope in the alpine, in a sparsely treed area or in open forest (cut-block, burn, wide-spaced glades)?	+1
<b>Critical Warming:</b> Has there been a recent rapid rise in temperature to near 0 C, or is the upper snowpack wet due to strong sun, above-freezing air temperatures or rain?	+1	<b>Terrain Characteristics Score:</b>	▭
<b>Avalanche Conditions Score:</b>	▭	Visit <a href="http://www.avalanche.ca">www.avalanche.ca</a> for more information.	



Plot the resulting scores in this matrix to test your route planning decision.



KNOW WHAT TYPE OF TERRAIN YOU ARE HEADING INTO • OBSERVE CURRENT AVALANCHE CONDITIONS



YG Photo



This area is part of the traditional territory of the Tr'ondëk Hwëch'in.

- DEMPSTER HIGHWAY
- WINTER TRAVEL ROUTE
- CONTOUR (100 FT INTERVAL)
- RECREATIONAL SNOWMOBILING (Stay within this zone)
- PARK BOUNDARY
- PARKING
- VIEWPOINT
- CAMPGROUND
- INTERPRETIVE CENTRE
- DESIGNATED HELI LANDING SITE

0 1 2 3 4 km  
0 1 2 3 mi

Universe Transverse Mercator Projection, Zone 7  
North American Datum 1983

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## B CHECK YOUR ROUTE-PLANNING DECISIONS

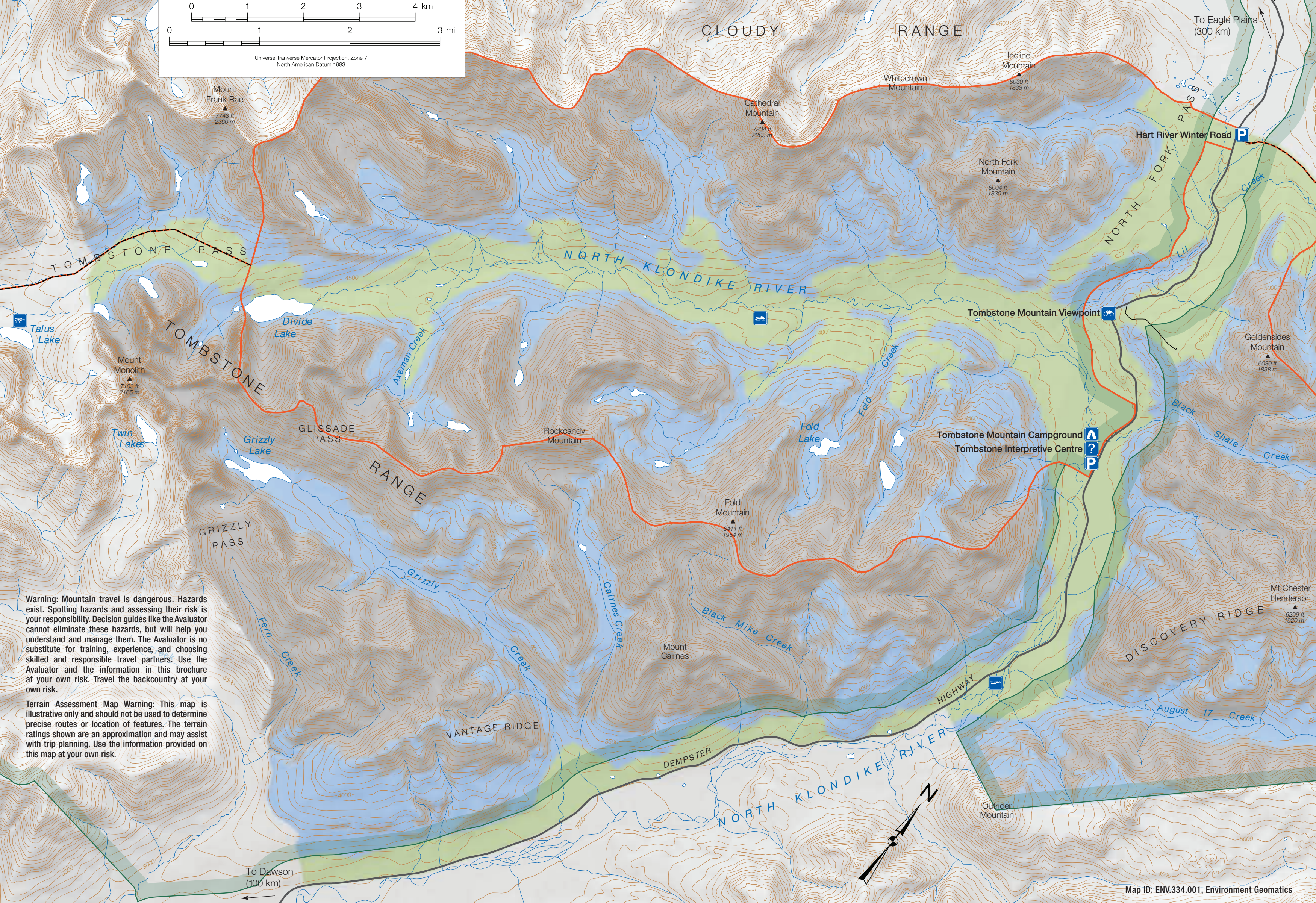
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**!** If you are heading out with no knowledge of conditions, stick to **'SIMPLE' TERRAIN** with limited exposure to steep slopes, unless you have the skills and background to evaluate conditions in the field.

**2** Use the score card below to calculate the avalanche conditions and terrain characteristics for your route.



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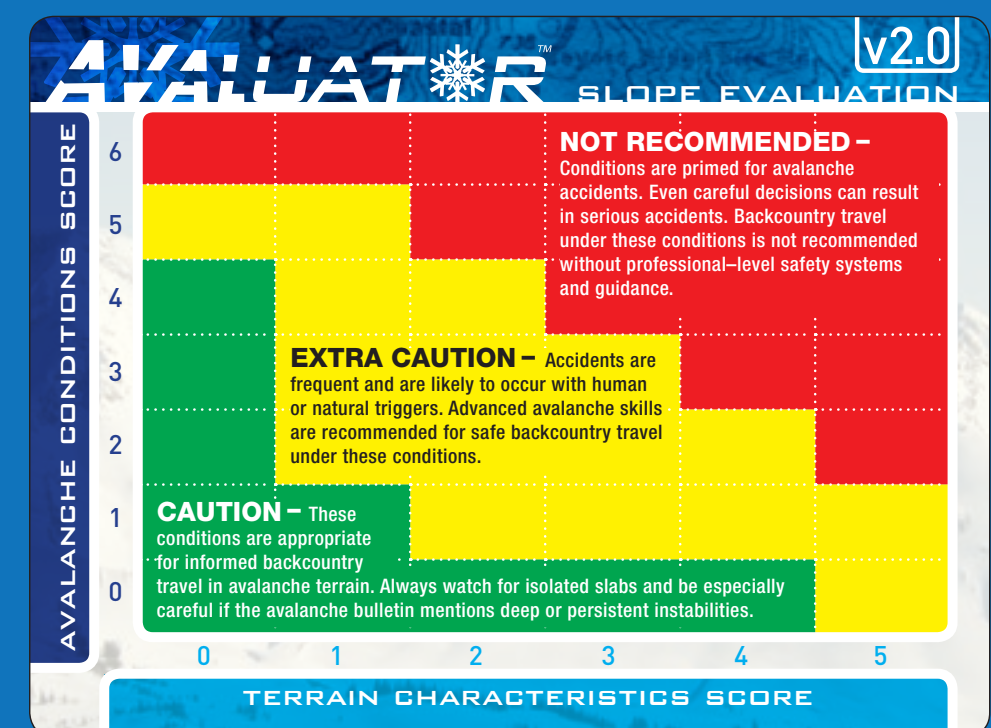
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<b>Critical Warnings:</b> Has there been a recent rapid rise in temperature to near 0 C, or is the upper snowpack wet due to strong sun, above-freezing air temperatures or rain?	+1	<b>Terrain Characteristics Score:</b>	
<b>Avalanche Conditions Score:</b>			

Visit [www.avalanche.ca](http://www.avalanche.ca) for more information.

**canadianavalanchecentre**  
Anomalies in terrain and avalanche conditions may exist. Users of the AVALUATOR™ assume their own risk. © 2010 Canadian Avalanche Centre

**3** Plot the resulting scores in this matrix to test your route planning decision.



Map ID: ENV.334.001, Environment Geomatics