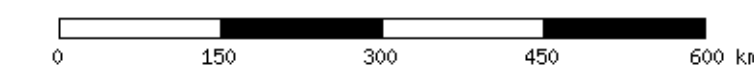


Atlas of Canada 6th Edition
(archival version)

Permafrost

Permafrost occurs when the ground remains at or below a temperature of 0° C for a minimum period of two years. Permafrost occurs not only at high latitudes but also at high altitudes. Almost all of the soil moisture in permafrost occurs in the form of ground ice, which in turn occurs in several different forms. The quantity of ice in the ground varies widely. Permafrost and ground ice have had significant effects on the economic development of the North. It affects the energy and mining industries, as well as the construction of modern settlements and infrastructure elements such as roads, railways, airfields, and utilities.



Lambert Conformal Conic Projection. Standard Parallels 49°N and 77°N

- | | | |
|--|---|--|
| Permafrost <ul style="list-style-type: none">No PermafrostSubsea PermafrostIsolated Patches (0-10%)Sporadic Discontinuous (10-50%)Extensive Discontinuous (50-90%)Continuous (90-100%)Water AreaRegions outside Canada | Populated Places <ul style="list-style-type: none">1-49995 000-49 99950 000-99 999100 000 and greaterProvincial and Territorial CapitalNational Capital | Road network <ul style="list-style-type: none">Road networkFerry route Boundaries <ul style="list-style-type: none">InternationalProvincial / TerritorialCanada / Kalaallit Nunaat dividing lineEEZ (200 mile) |
|--|---|--|

Source(s):
Permafrost
Natural Resources Canada. 1993. Canada-Permafrost [map]. Fifth Edition, National Atlas of Canada.
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