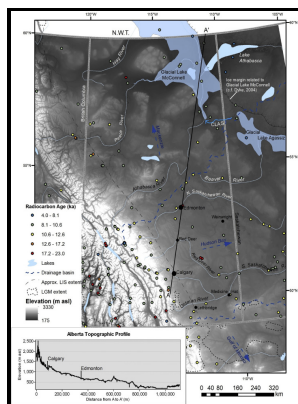


Sequence of Glacial Lakes in North-Central Alberta.

s.n - The chemical composition of saline lakes of the Northern Great Plains, Western Canada



Description: -

-Sequence of Glacial Lakes in North-Central Alberta.

- Geological Survey of Canada Bulletin -- 213 Sequence of Glacial Lakes in North-Central Alberta.

Notes: 1

This edition was published in 1972



Filesize: 42.11 MB

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16.4 Glacial Deposition

Darkly colored bands indicate smoke or other chemicals in the atmosphere. For example, photosynthesis by aquatic plants, ammonification, denitrification, sulfate reduction and anaerobic sulfide oxidation cause a rise in pH as carbon dioxide is utilized by the flora, and an increase in the concentration of HCO_3^- . Canadian Fisheries and Marine Services Research Development Technical Report 511.

Proglacial lakes and the retreat pattern of the southwest Laurentide Ice Sheet across Alberta, Canada

Clearly, the use of conductivity to quantitatively evaluate salinity in lakes having diverse chemical compositions, such as these basins in western Canada, should be avoided. The temporal framework reported here is well supported by a sequence of radiocarbon dates demonstrating the integrity of the stratified site. The latter part of the Devensian includes Pollen zones I-IV, the Allerød oscillation and Bølling oscillation, and Oldest Dryas, the Older Dryas and Younger Dryas cold periods.

List of lakes of Alberta

In this path, calcium will ultimately be depleted leaving an excess of HCO_3^- , which, in turn, may combine with Mg and Na to produce a variety of complex Na-Mg-carbonate-sulfate evaporites. This, in turn, caused severe cooling in eastern Canada together with the development of a vast, predominantly cold-based ice sheet.

History of the landscape in the Itasca region

Forests, hills, and mountainsides are no match for glaciers.

Geography 327

White by Geochemical News Staff About William Last William Last has authored and co-authored dozens of papers about the geochemistry of present-day and ancient non marine evaporites and carbonates in central and western Canada, Australia, north-central U.

List of lakes of Alberta

The former existence of rock glaciers or large glaciers is according to the same study ruled out, because of a lack of conclusive field evidence and the implausibility of the 10-17° C temperature drop, relative to the present, that such features would imply. Whether or not humans were involved in the death or deposition of the bird is difficult to say.

The chemical composition of saline lakes of the Northern Great Plains, Western Canada

When the end product of sulfate reduction, S^{2-} , is produced, the fate of the sulfide is key in determining whether or not certain minerals will precipitate Castanier, 1999. The great mass of ice in a glacier behaves , or like a liquid. Hammer 1978 reported the water chemistry for 60 mainly perennial saline lakes in southern Saskatchewan.

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