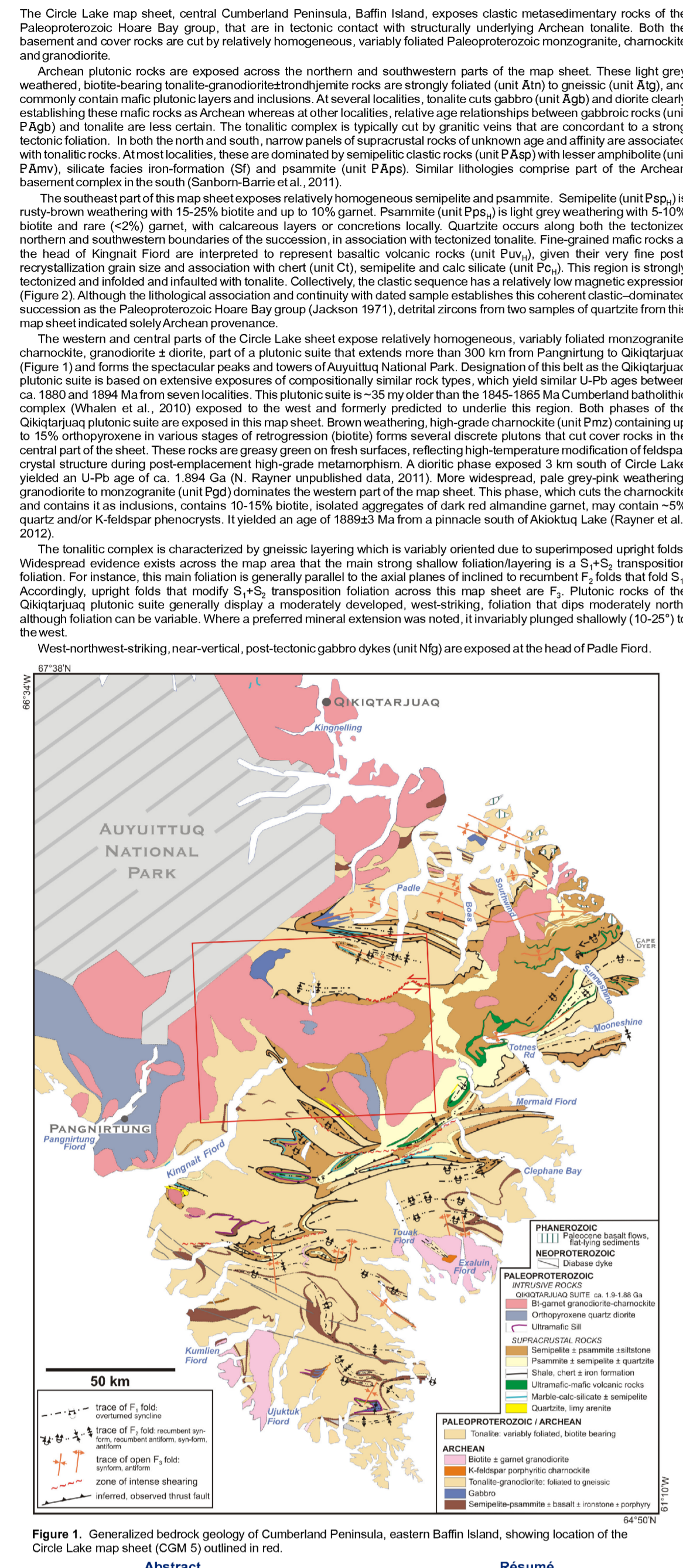


Geology



Abstract

Cumberland Peninsula, eastern Baffin Island, is an orogenic belt that experienced tectonic and magmatic activity during the Paleoproterozoic and Paleoproterozoic. The geology is dominated by mafic to ultramafic rocks, with minor felsic intrusions and metasediments. The rocks are primarily mafic, with some ultramafic rocks, and are characterized by a variety of textures and structures. The mafic rocks are primarily gabbro, diorite, and anorthosite, and are typically medium to coarse grained. The ultramafic rocks are primarily clinopyroxene gabbro and are typically fine to medium grained. The metasediments are primarily quartzite and are typically medium grained. The rocks are generally unmetamorphosed, and the only metamorphism observed is low-grade greenschist facies. The map shows the distribution of these rock units, as well as structural features such as faults and folds. The map also shows the location of the Circle Lake map sheet (CGM 5) outlined in red.

