

DESCRIPTIVE NOTES

The Lac de Gras map area is in the central District of Mackenzie, on the watershed of major drainage systems... The map area is within the central Basin Province of the Canadian Shield (McGivern and Hespeler, 1972)...

ACKNOWLEDGMENTS

References were carried out in collaboration with Peter Thompson and Bruce Knapik of Geological Survey of Canada, GSC who were mapping the basin geology in the Lake and Lac de Gras map areas...

LITHOLOGY

The map area is within the central Basin Province of the Canadian Shield (McGivern and Hespeler, 1972). Lithology is described in the text. The map area is within the central Basin Province of the Canadian Shield...

SURFICIAL MATERIALS

Till is the most extensive deposit in the area. Only one stratigraphic unit of till has been recognized and is attributed to Lake Athabasca. The till consists of a fine sand to silt, with the matrix ranging from silt to sand and the percentage of clay (Fig. 4). Grain size varied according to bedrock source...

GLACIOFLUVIAL DEPOSITS

Glaciofluvial deposits are present in the area and are predominantly in the form of sand and gravel. They are associated with the retreat of the ice sheet and are commonly found in the form of sand and gravel ridges...

ALLUVIAL DEPOSITS

Most deposits are fine to medium sand and gravel. They are associated with the retreat of the ice sheet and are commonly found in the form of sand and gravel ridges...

ORGANIC DEPOSITS

Most deposits are in the form of peat and are associated with the retreat of the ice sheet and are commonly found in the form of sand and gravel ridges...

GLACIAL HISTORY

The map area is within the central Basin Province of the Canadian Shield (McGivern and Hespeler, 1972). The map area is within the central Basin Province of the Canadian Shield...

GLACIAL EVENTS

1. Glacial retreat: The retreat of the ice sheet is indicated by the presence of glacial drift and the absence of glacial till. The retreat is indicated by the presence of glacial drift and the absence of glacial till...

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GLACIAL EVENTS

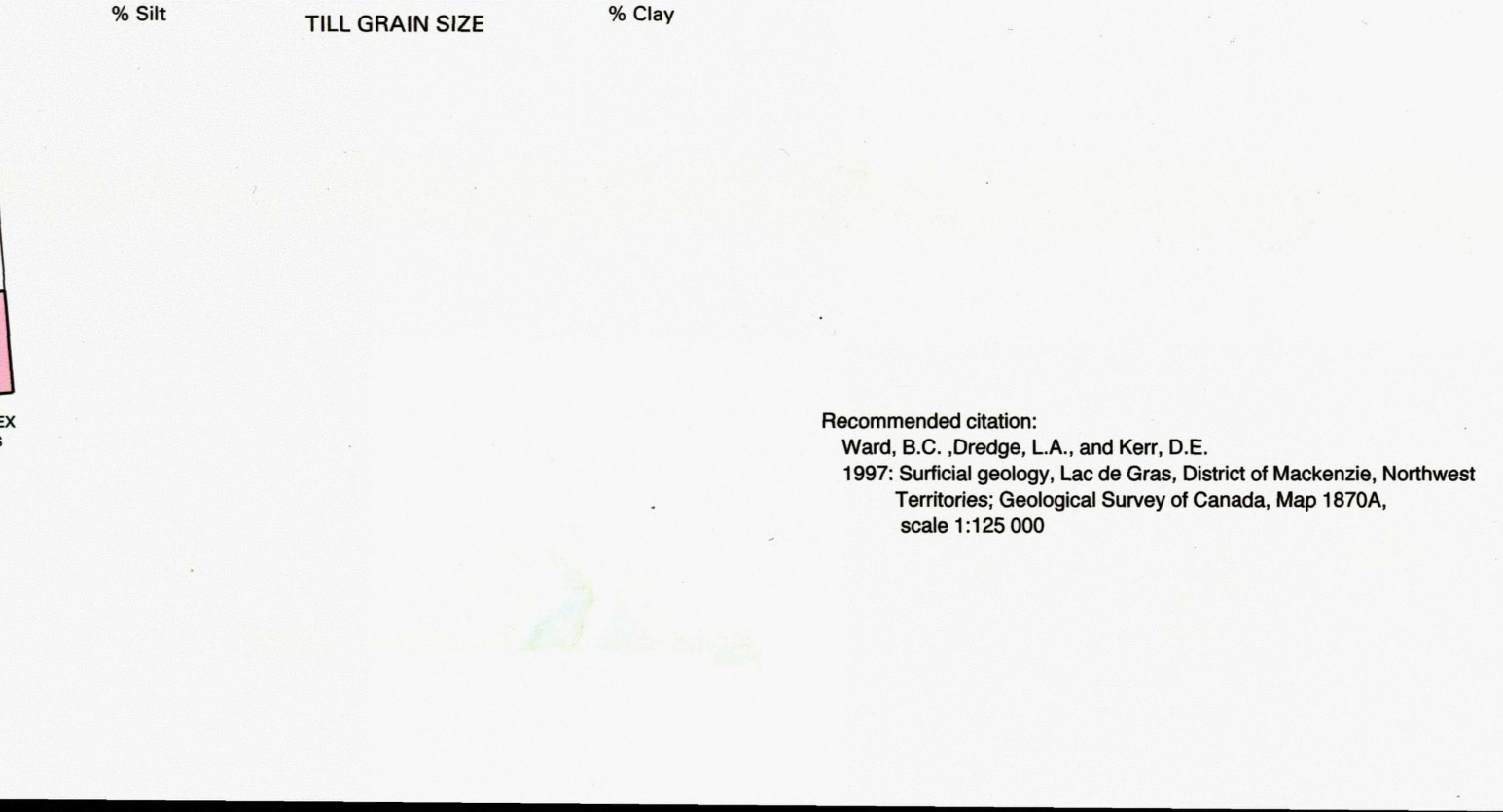
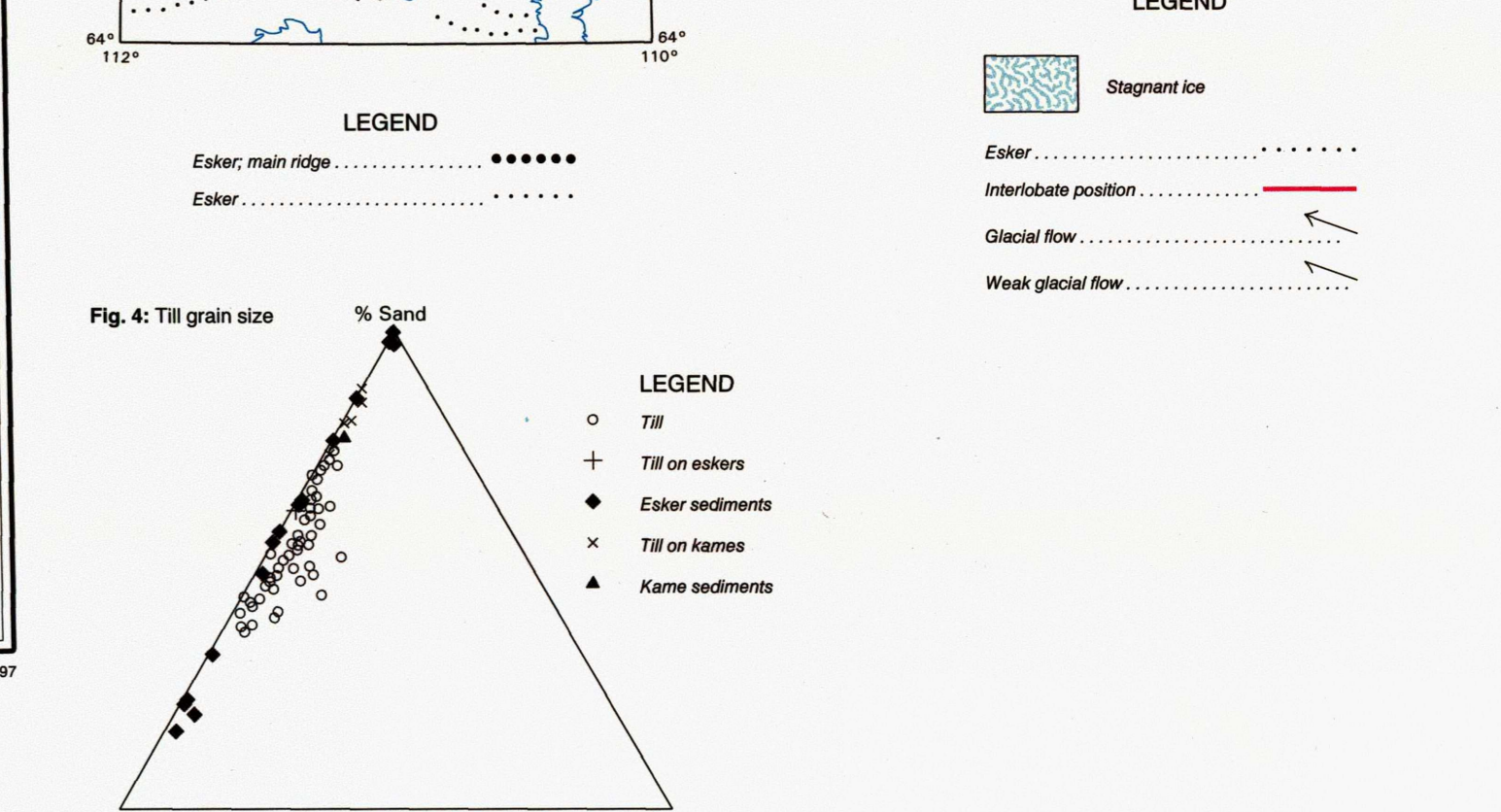
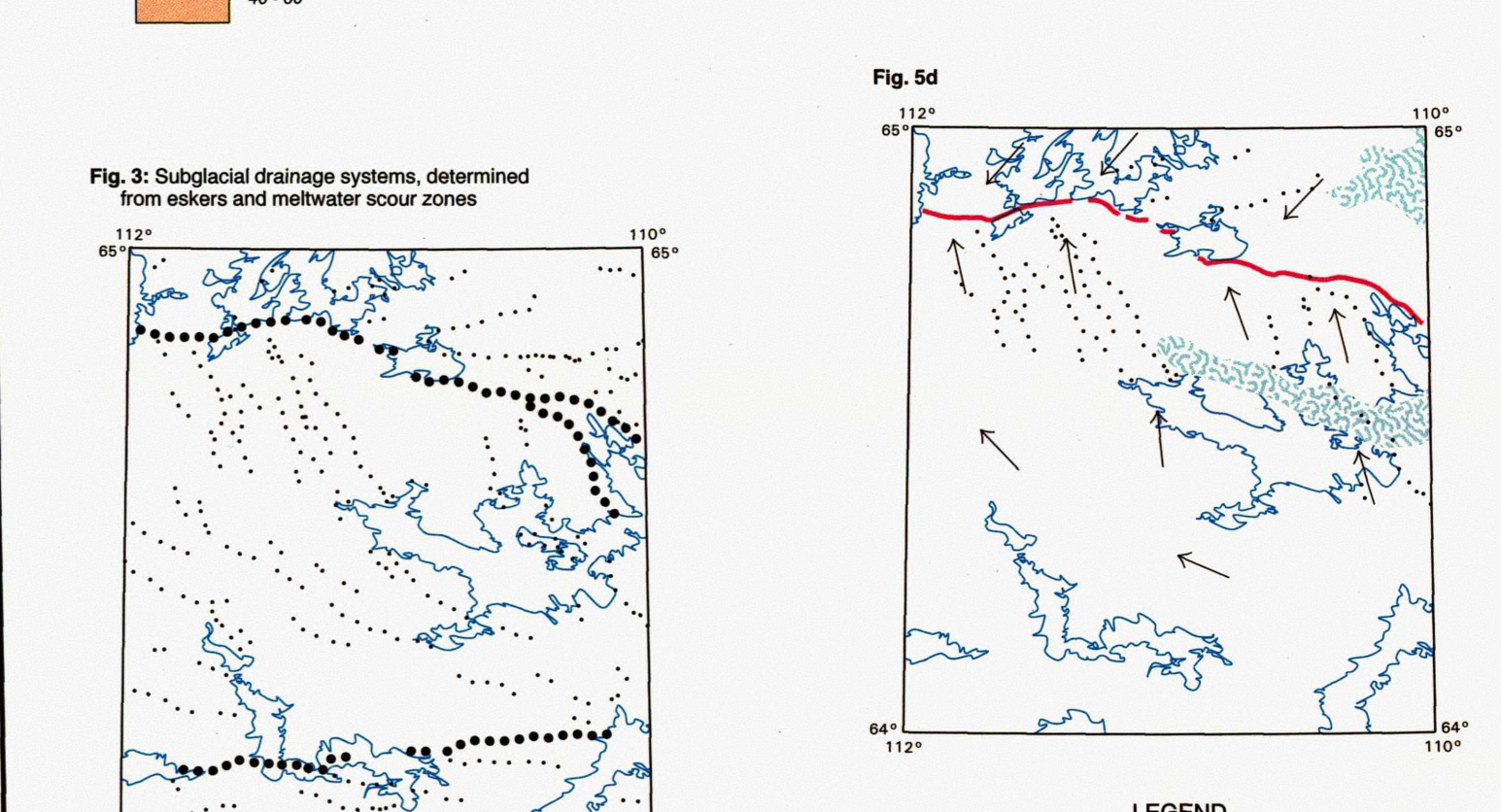
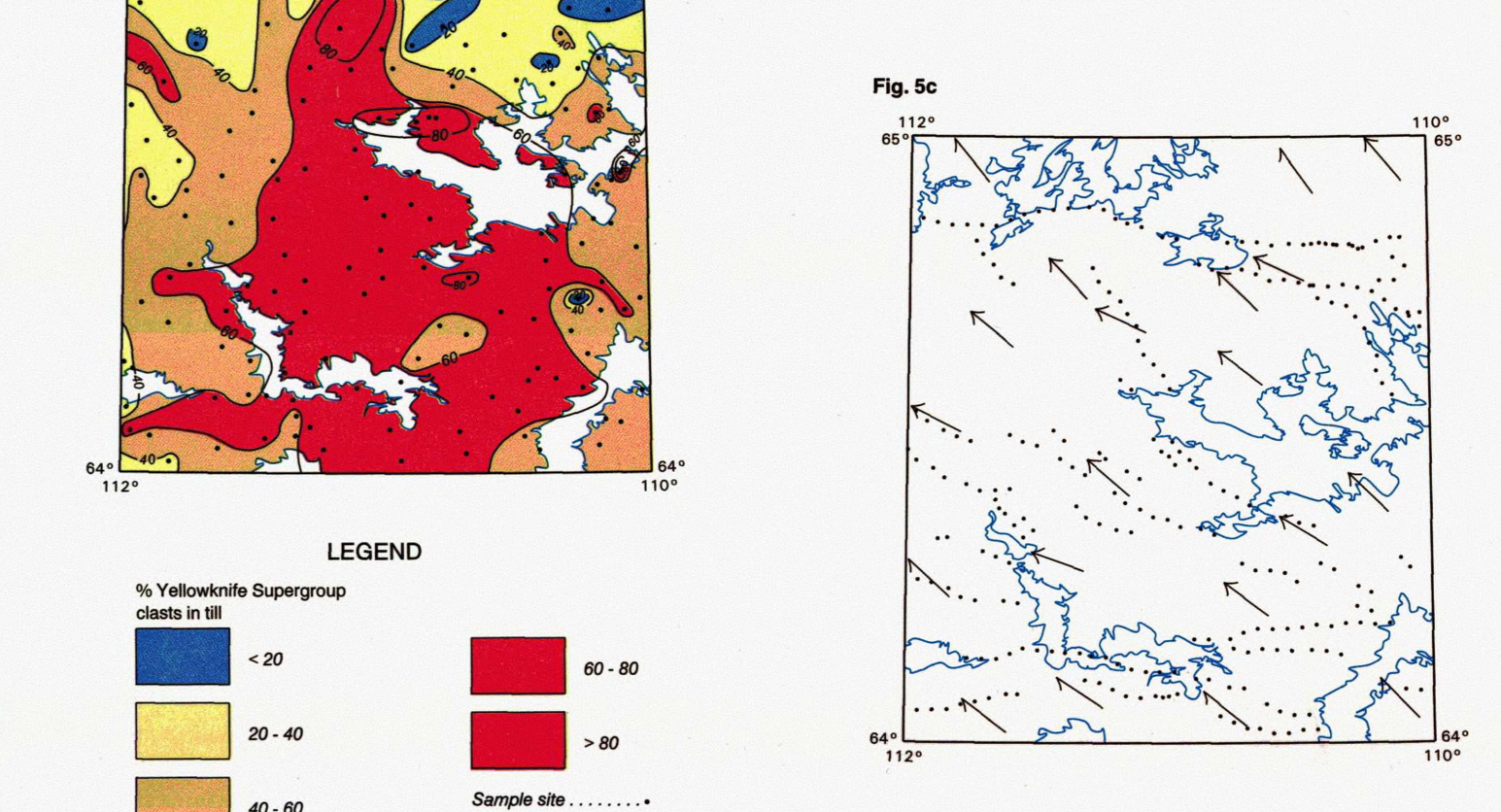
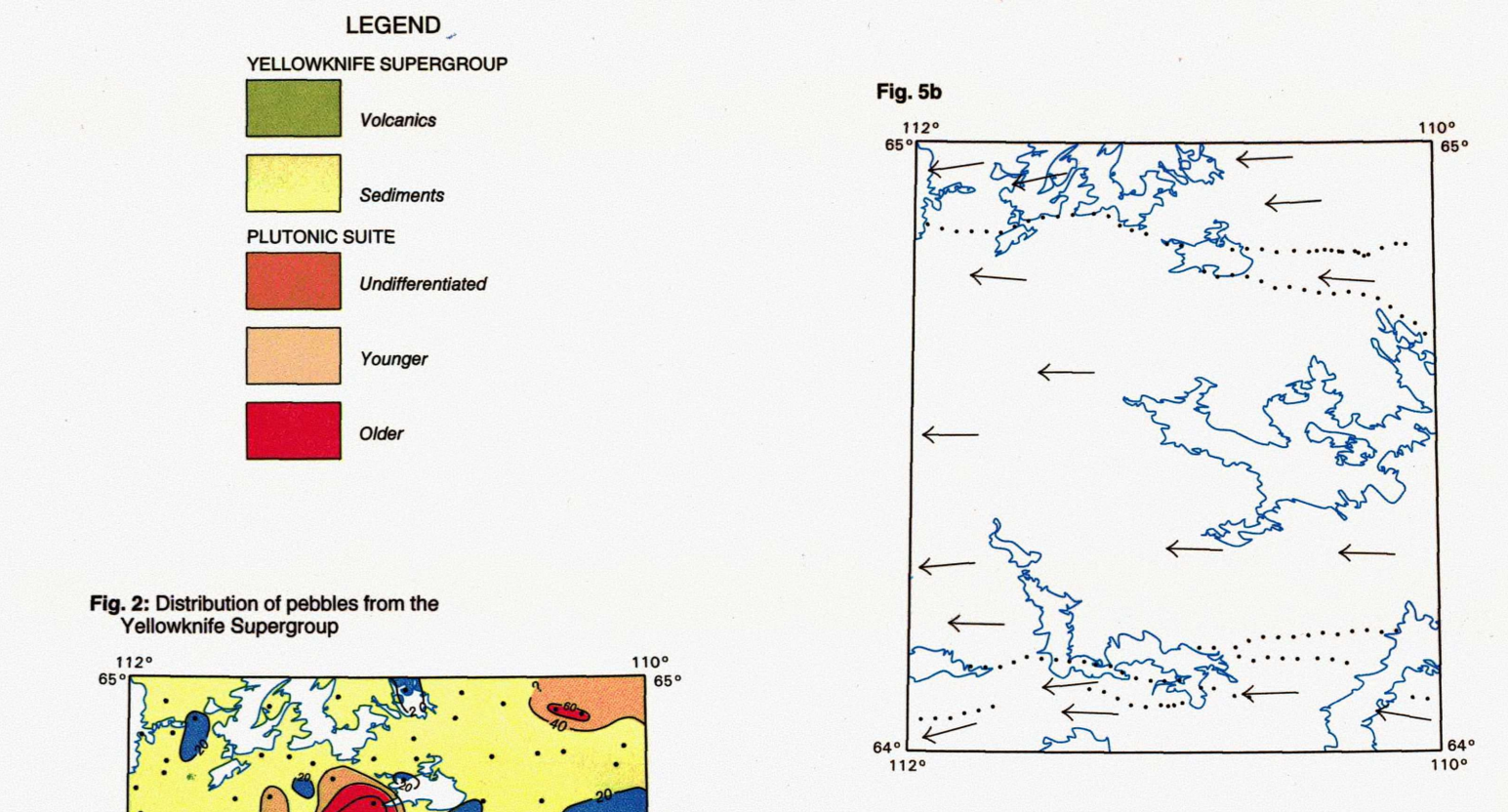
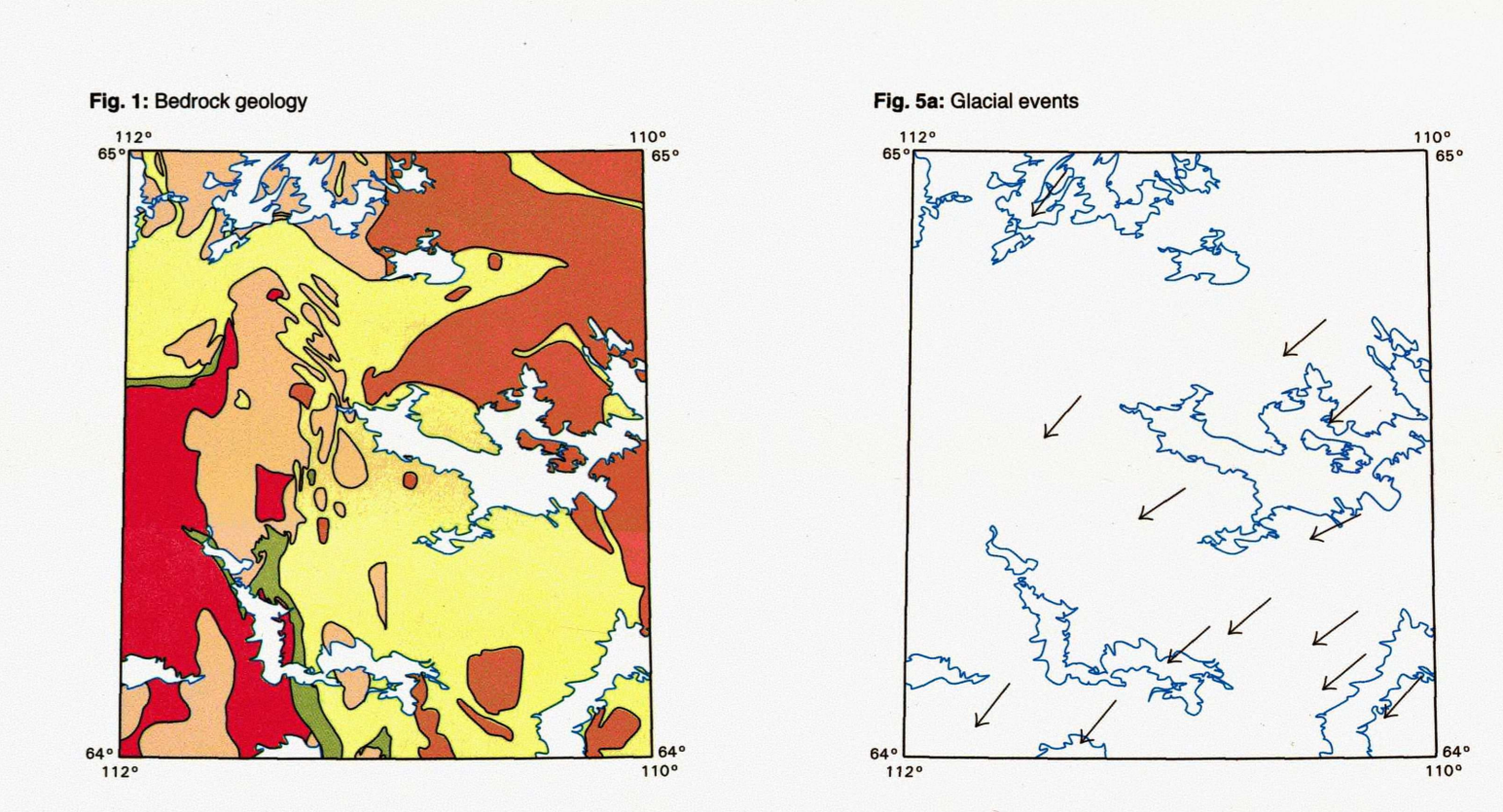
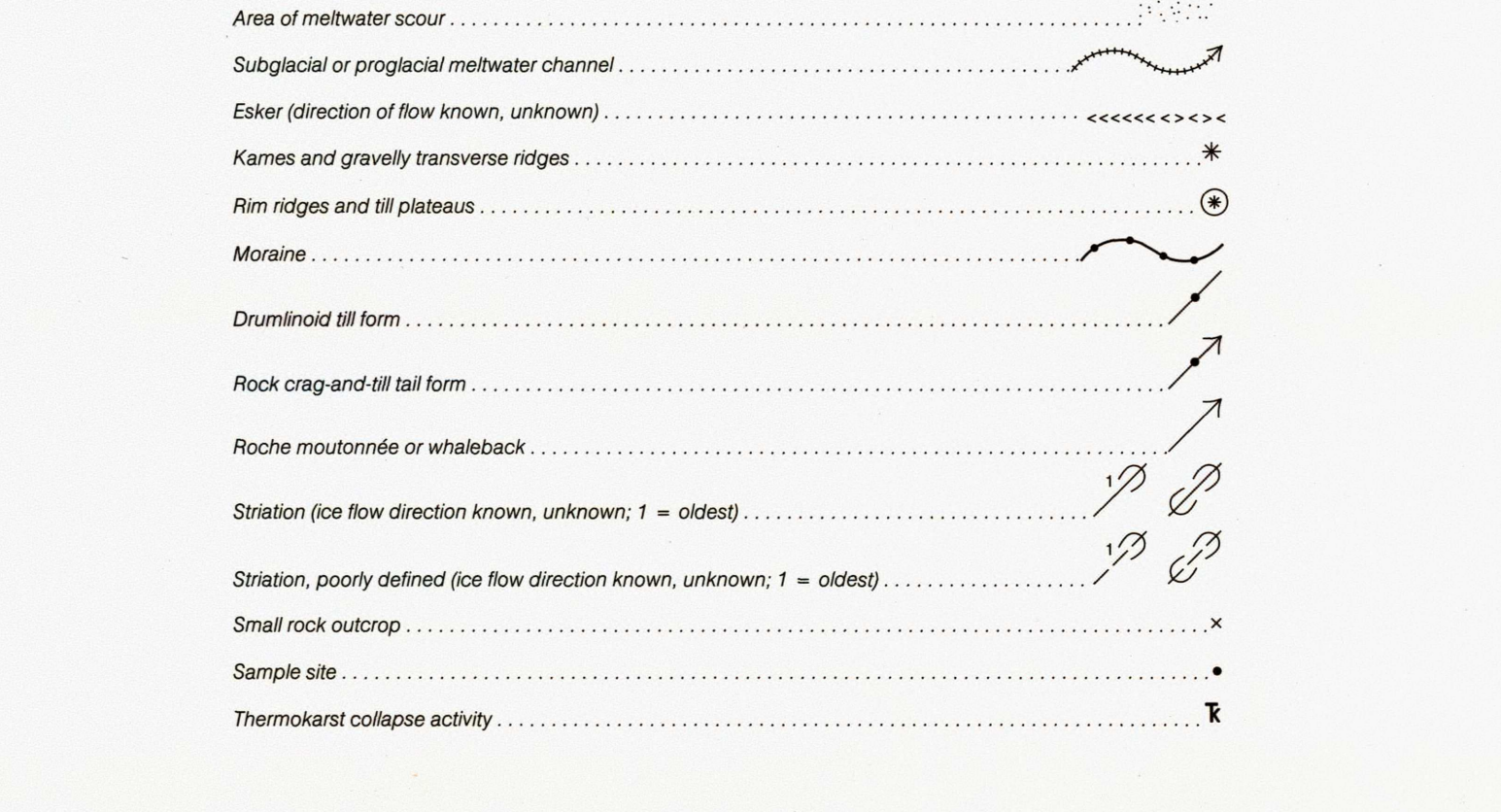
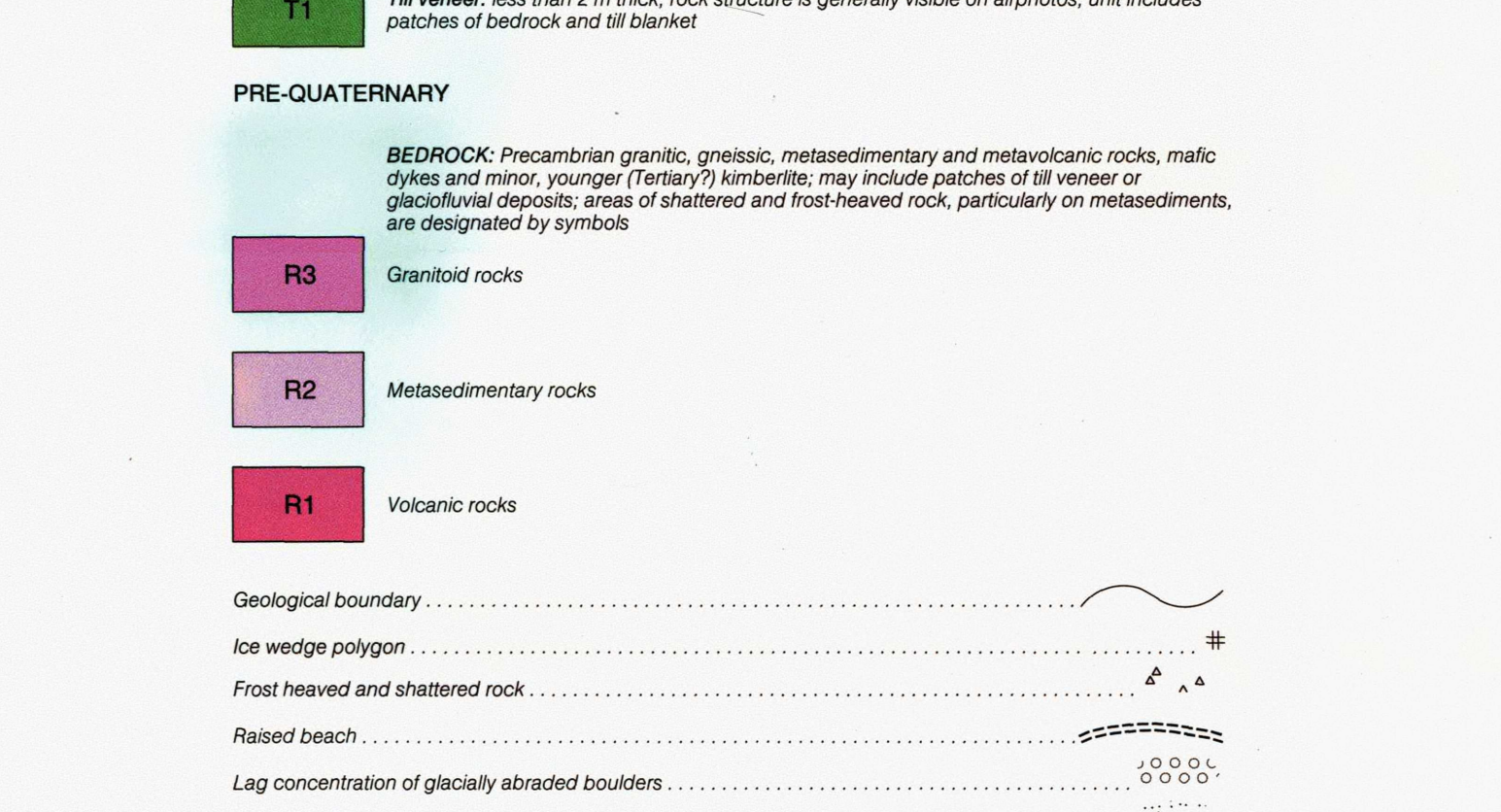
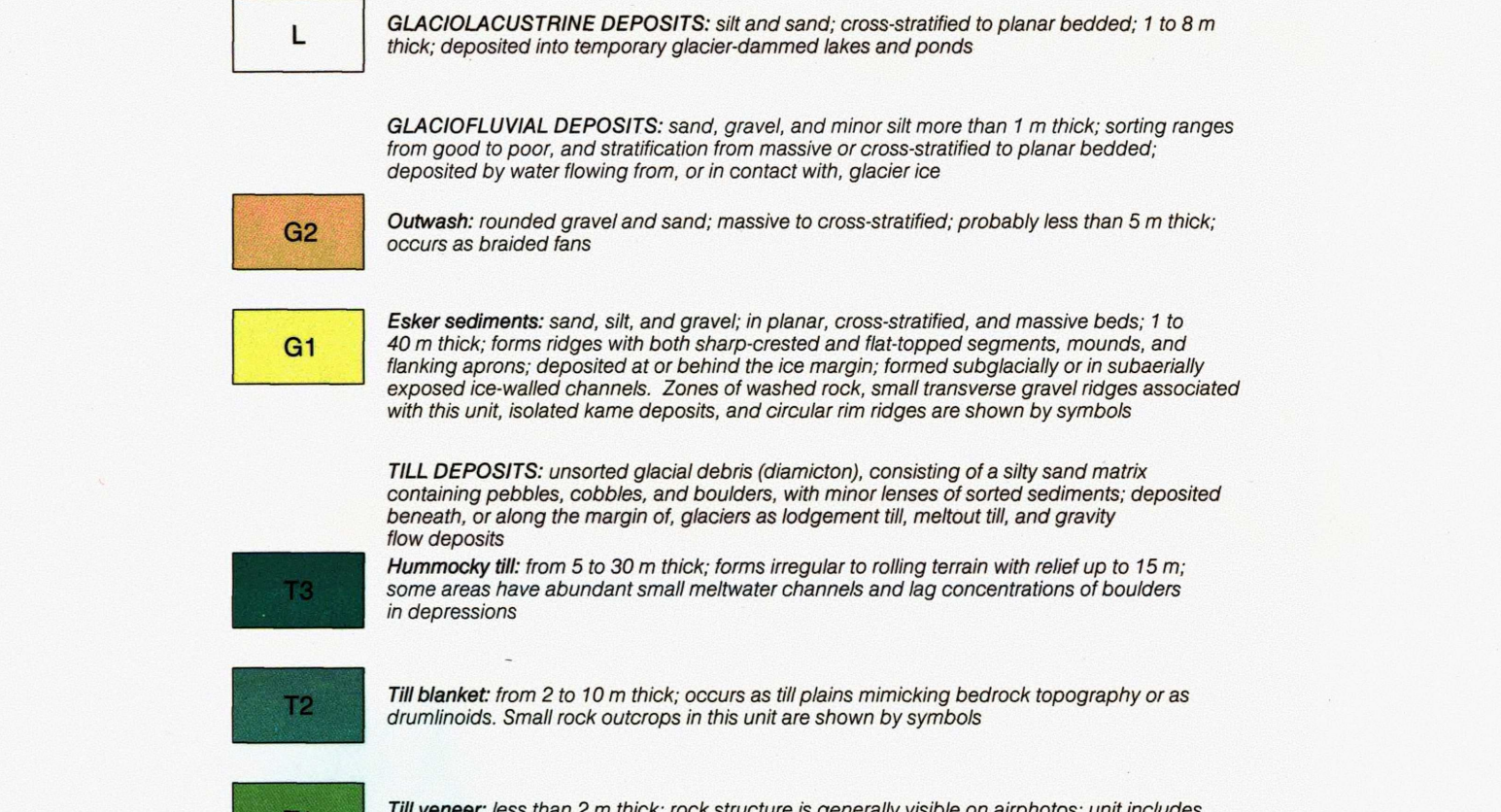
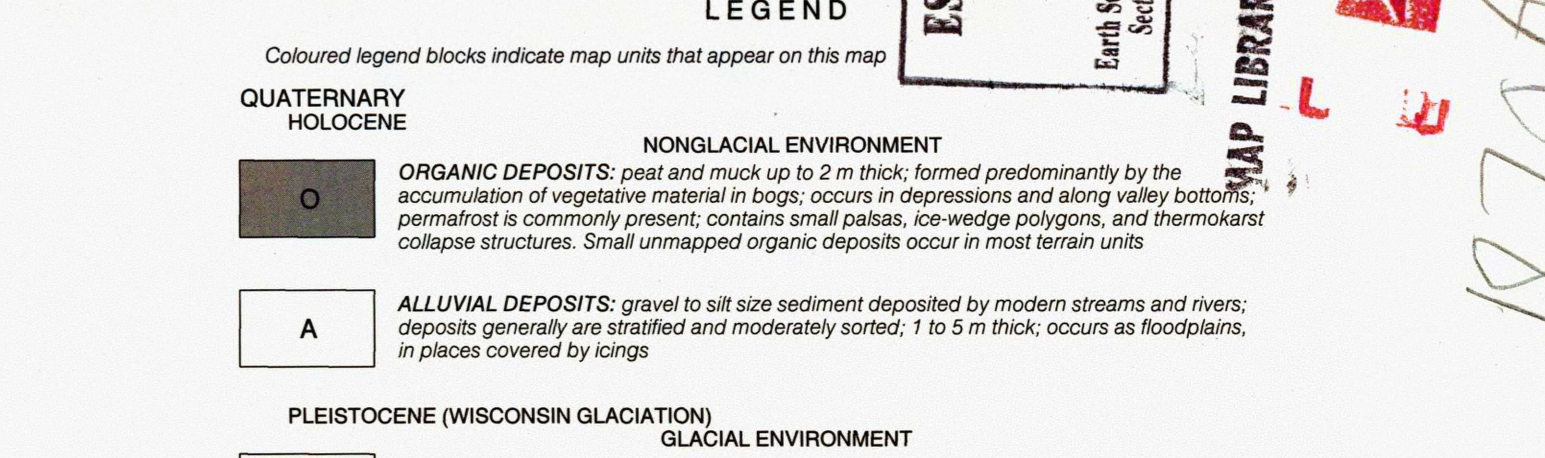
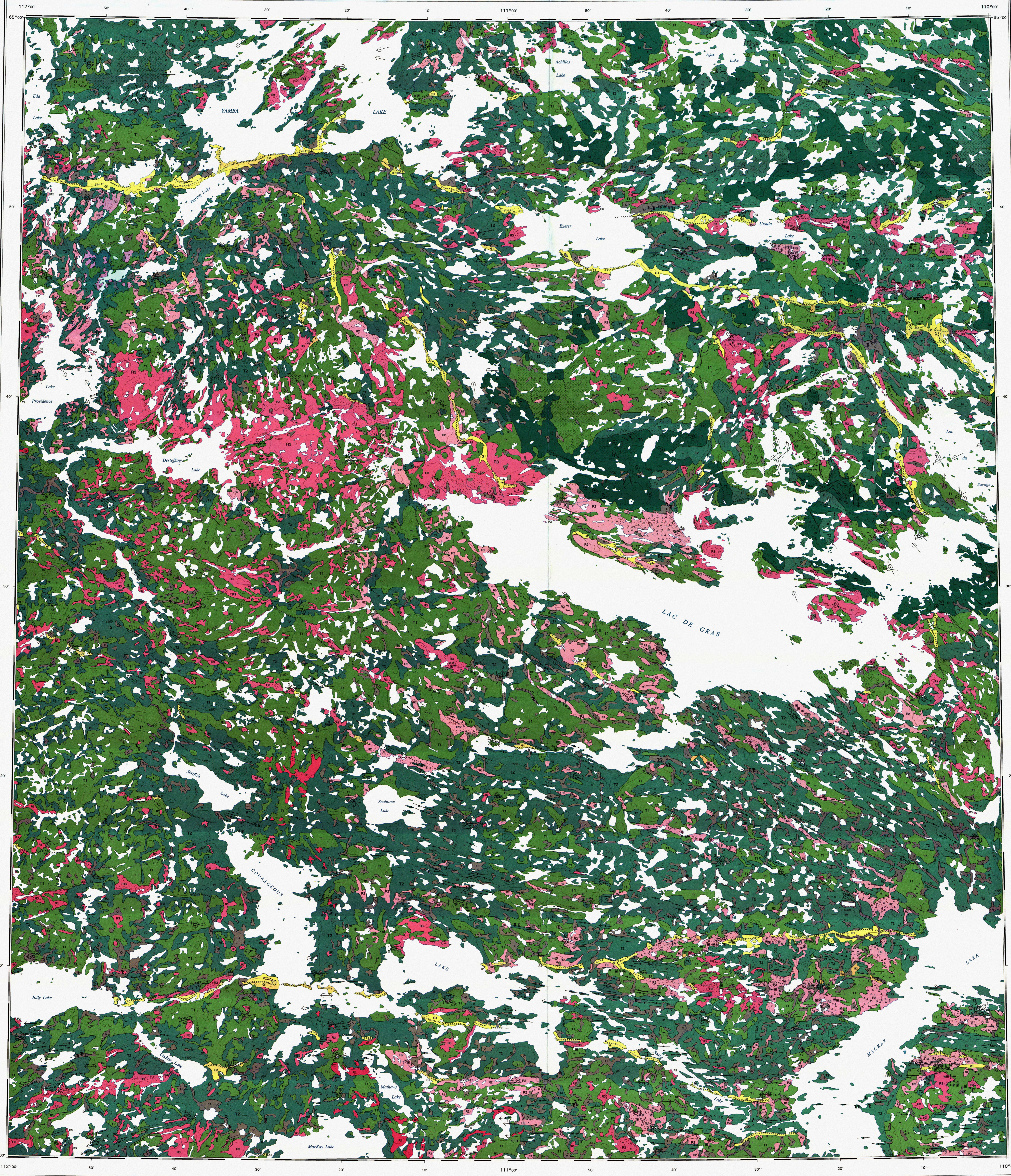
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MAP 1870A SURFICIAL GEOLOGY LAC DE GRAS DISTRICT OF MACKENZIE NORTHWEST TERRITORIES. Includes title, scale, north arrow, and contact information for the Geological Survey of Canada.

Map 1870A includes a location map of the Northwest Territories, a scale bar, and a north arrow. It also contains a table of coordinates and a note about the map's accuracy.



870A