

INTRODUCTION

This is one of a set of six maps of the MacQuoid-Gibson Lakes area, published as contributions to the Western Churchill NATMAP Project. These maps present preliminary results of geological mapping carried out by the Geological Survey of Canada during the 1988 field season...

MACQUOID-GIBSON LAKES REGION

The MacQuoid-Gibson Lakes region is identified by a polydeformed and metamorphosed Archaean terrane that was tectonically reworked in the Paleoproterozoic. It is bounded to the west by the Mackenzie orogenic belt, to the east by the Slave craton, and to the south by the Hearne orogenic belt...

The volcanic belt of the MacQuoid-Gibson Lakes region is a 200 km wide belt of volcanic rocks that extends from the Hearne orogenic belt in the north to the Slave craton in the south. It is composed of mafic and felsic volcanic rocks, including andesites, basalts, and rhyolites...

The Hearne orogenic belt is a 200 km wide belt of volcanic rocks that extends from the MacQuoid-Gibson Lakes region in the north to the Slave craton in the south. It is composed of mafic and felsic volcanic rocks, including andesites, basalts, and rhyolites...

The Slave craton is a 200 km wide belt of volcanic rocks that extends from the MacQuoid-Gibson Lakes region in the north to the Hearne orogenic belt in the south. It is composed of mafic and felsic volcanic rocks, including andesites, basalts, and rhyolites...

The Mackenzie orogenic belt is a 200 km wide belt of volcanic rocks that extends from the MacQuoid-Gibson Lakes region in the north to the Slave craton in the south. It is composed of mafic and felsic volcanic rocks, including andesites, basalts, and rhyolites...

The Paleoproterozoic is a 200 km wide belt of volcanic rocks that extends from the MacQuoid-Gibson Lakes region in the north to the Slave craton in the south. It is composed of mafic and felsic volcanic rocks, including andesites, basalts, and rhyolites...

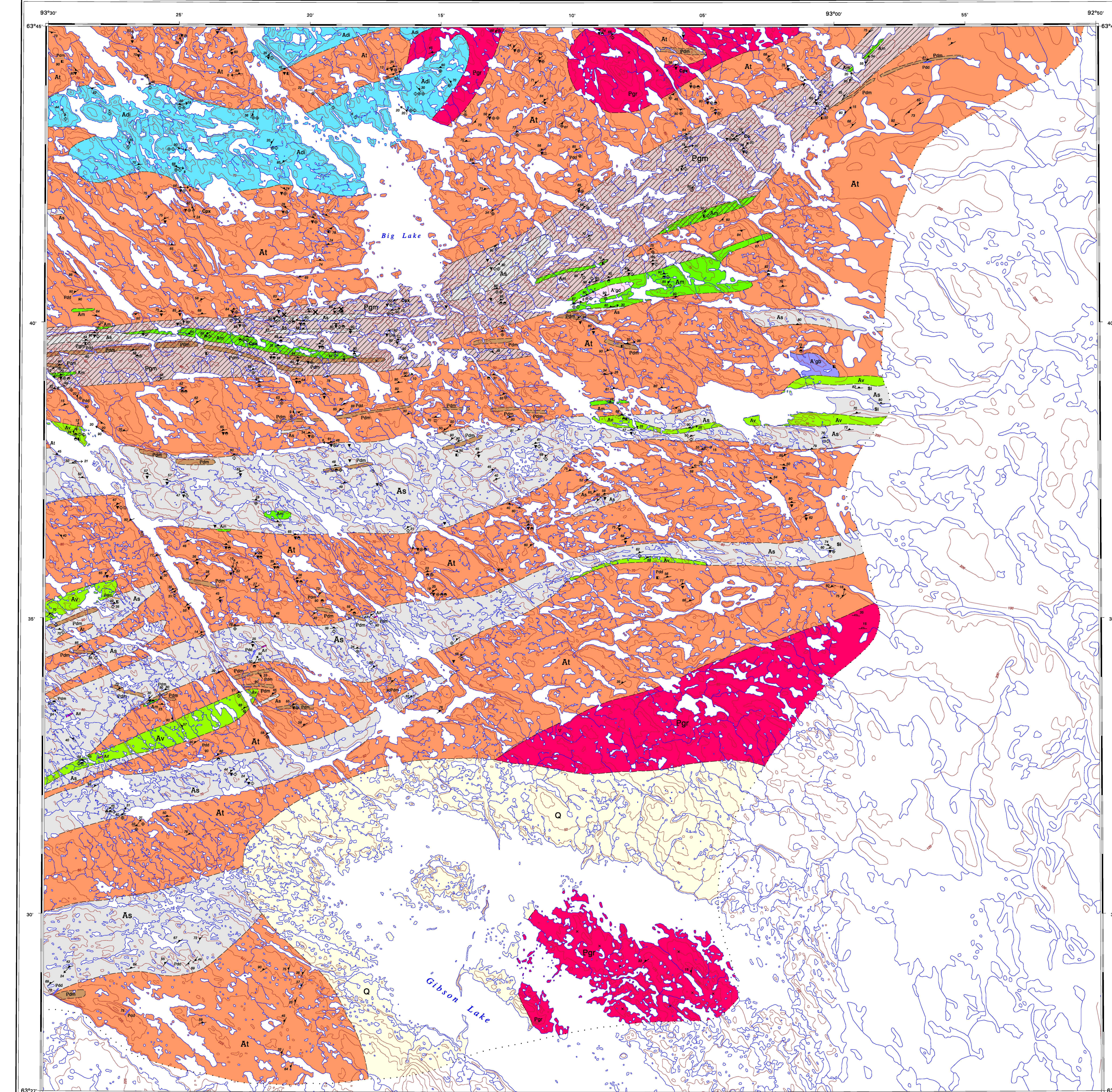
The Archaean is a 200 km wide belt of volcanic rocks that extends from the MacQuoid-Gibson Lakes region in the north to the Slave craton in the south. It is composed of mafic and felsic volcanic rocks, including andesites, basalts, and rhyolites...

The Paleoproterozoic is a 200 km wide belt of volcanic rocks that extends from the MacQuoid-Gibson Lakes region in the north to the Slave craton in the south. It is composed of mafic and felsic volcanic rocks, including andesites, basalts, and rhyolites...

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REFERENCES

Amirghazi, A.E. 1987. Geology of the Sandhill 2x2x2-Pe-Ag project and economic potential of the Gibson-MacQuoid granitoid belt, District of Keewatin, Northwest Territories. Geological Survey of Canada, Open File 254 p. 1-100.



Geological map title: PARTS OF MacQUOID - GIBSON LAKES AREA. Includes a legend with geological units (Q, Paleoproterozoic, Archaean/Andor Paleoproterozoic) and symbols for faults and structures. Also includes a scale bar, a locator map, and a sheet grid.

Figure 1. Schematic location map of the MacQuoid-Gibson Lakes area represented by this set of maps. The Western Churchill map is composed of the Slave and Hearne domains separated by the Slave Tectonic Zone (STZ). Overprinted rock units in the enlargement window are represented in green.

Figure 2. Sketch map showing the generalized tectonic and structural subdivisions within the map area (see Figure 1 for location; rectangle box within the enlargement window).

Legend, scale bar, and administrative information. Includes a legend with geological units and symbols, a scale bar in kilometers, a locator map, and a sheet grid. Also includes a note about the map being an open file for public use.