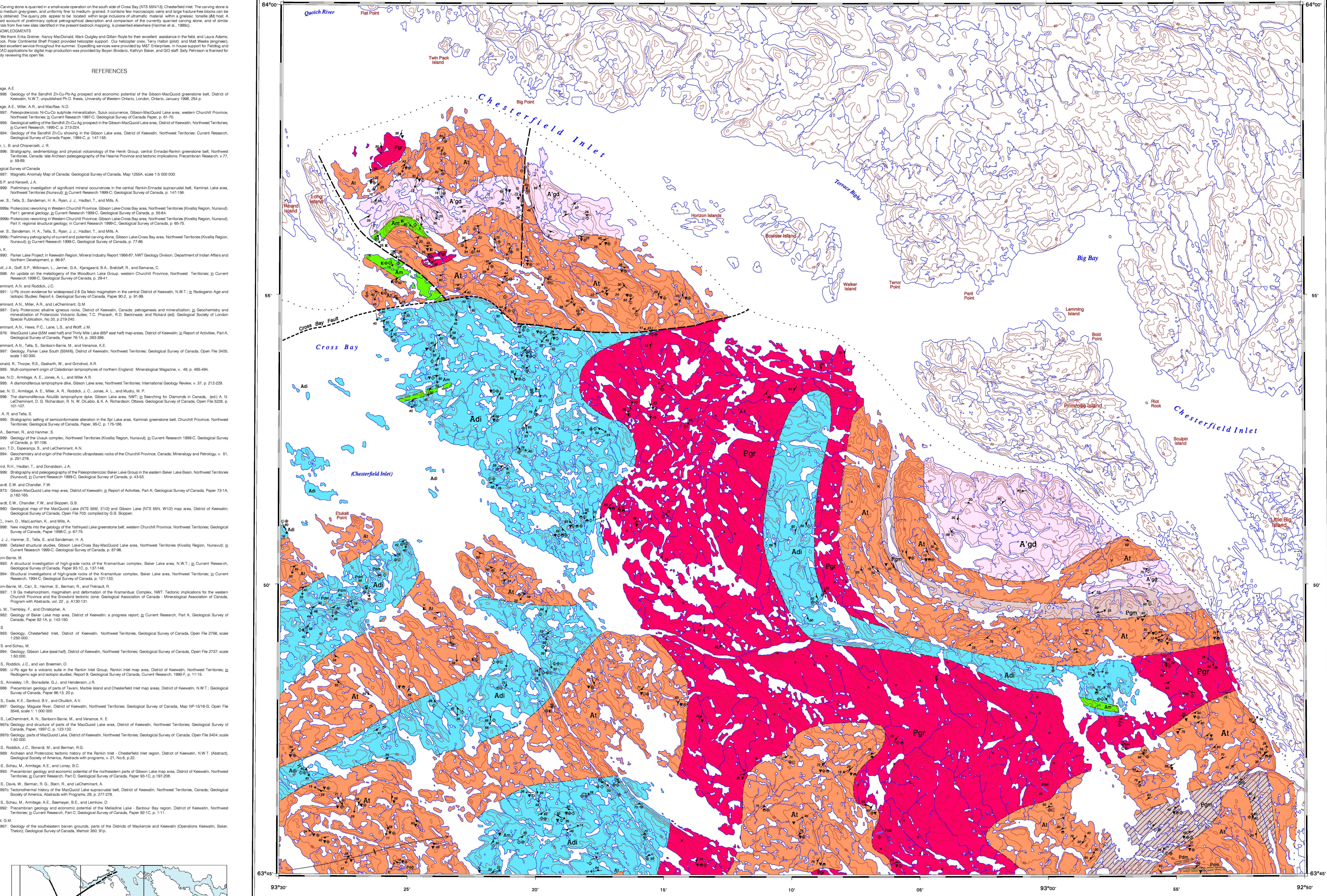


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DESCRIPTIVE NOTES
INTRODUCTION
 This map is a part of a set of six 1:500 000 scale color maps...
REFERENCES

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 Amthage, A.E. 1990. Geology of the Soudrii Zh'u-P'u-Ag prospect and economic potential of the Gibson-MacQuoid granite belt...
 Amthage, A.E. 1991. Paleoproterozoic N'Cu-Cu sulfide mineralization, Sulu occurrence, Gibson-MacQuoid Lake area, western Churchill Province...



LEGEND

Relative ages of the units for the most part are uncertain and no chronological order is implied. Not all rock units or symbols appear on the map.

QUATERNARY	Q	Glacial, fluvial, and marine deposits
PALEOPROTEROZOIC	Pac	Baker Lake Group: South Channel Formation; polytactic, clastic-sorted conglomerates
Pgr		Granite, monzonite, biotite-bearing, massive to weakly cleaved pink to salmon colored orthogneiss to porphyritic, fine-grained orthogneiss and mafic gabbro; locally contain parts of mafic gabbro; northeast of Cross Bay
Pgr1		Biotite amphibolite and mafic dykes
Pgr2		Dioritic dykes, north-east-trending
Pgm		Stratigraphic, mafic, probably derived from mafic to granite protoliths; big scale shear zones (Pgr3) may include other lithologies
Pgm1		Dioritic dykes (east of 218 G MacQuoid dykes), predominantly east-trending, in part porphyritic; generally metamorphosed; weakly deformed south of the straight gneiss (Pgr); not fully exposed north of the straight gneiss
ARCHAIC AND/OR PALEOPROTEROZOIC	A'g	K'hetpar, augen granite-granodiorite, weakly to well foliated
A'gd		Granodiorite; pink to grey, weakly to well foliated
A'gb		Gabbro; massive to weakly foliated; coarse grained; locally contains inclusions of A'g, A't
ARCHAIC	Atp	Tonalite with subvolcanic gneissoids; coarse grained pluton with massive to weakly foliated centers, and locally well foliated margins; locally well foliated (A'g), locally may contain the gneiss classed as mafic gabbro
Adt		Tonalite to diorite; weakly to well foliated; locally gneissic; minor gabbro
At		Tonalite (gneissic); layered to banded hornblende biotite orthogneiss; includes orthogneiss layers of orthogneiss (At); may contain abundant remnants of mafic gabbro (Ag), amphibolite (Am), ultramafic and remnants of banded metamorphism (B)
Adi		Diorite to gabbro; well foliated and invaded; locally gneissic
Am		Amphibolite; mostly, or in part, derived from metabasaltic rocks (B)
As		Metasedimentary rocks: sarnoplastic (sarnite) with garnet + biotite + staurolite + cordierite; locally, in part, metamorphosed to garnet amphibolite
Alt		Banded iron-formation (oxide and silicate facies)
Altv		Intermediate, mafic, and minor felsic volcanic rocks; volcanoclastic rocks interpreted as thin and crystal rich; minor volcaniclastic breccias, and minor gabbro sills; in part metamorphosed to garnet amphibolite
Agb		Gabbro; well foliated; occurs as sills and dykes; intruded by Atp
Av		Mafic to intermediate flows, intercalated volcaniclastic rocks; pillow breccias; rarely preserved in part metamorphosed to garnet amphibolite

Geology by E. Telis, C. Hammer, H.A. Satterthwaite, J.J. Ryan, and J.A. Kovalik, Geological Survey of Canada, T. Heister and A. Mills, Department of Geology, Carleton University, 1988

Co-ordinated by S. Hamner through the auspices of the Western Churchill NATMAP Project

Digital cartography by E. Everett, Geospatial Information Division

Any revisions or additional geological information known to the user should be welcomed by the Geological Survey of Canada

Digital base map from data compiled by Geomatics Canada, modified by the Geospatial Information Division

The proximity of the North Magnetic Pole causes the magnetic compass to be in error in the area. Magnetic declination 1999, 69°N, showing a changing 2° annually

Elevations in metres above sea level

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

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

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 GEOLOGY
PARTS OF MacQUOID - GIBSON LAKES AREA
 KIVALLIQ REGION
 NUNAVUT

Scale 1:500 000 - Échelle 1:500 000

Scale 1:500 000 - Échelle 1:500 000

Scale 1:500 000 - Échelle 1:500 000

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 GÉOLOGIE
 PARTIES DES LACS MACQUOID ET GIBSON
 RÉGION DE KIVALLIQ
 NUNAVUT
 ÉCHELLE 1:500 000

55W/1	55W/2	55W/3	55W/4	55W/5
Sheet 1	Sheet 2	Sheet 3	Sheet 4	Sheet 5
55W/6	55W/7	55W/8	55W/9	55W/10
Sheet 6	Sheet 7	Sheet 8	Sheet 9	Sheet 10
57W/1	57W/2	57W/3	57W/4	57W/5
Sheet 11	Sheet 12	Sheet 13	Sheet 14	Sheet 15