

Preliminary Geologic Map
of the
FORT MCKENZIE, SHALE FALLS (EAST HALF) AND MORaine LAKE (EAST HALF) AREAS
NEW QUEBEC TERRITORY
by
Burkhard Dressler
1973

LEGEND

PLEISTOCENE AND RECENT
19 Moraine deposits, gravel, sand

PRECAMBRIAN
KANIAPISKAU SUPERGROUP
(Early Proterozoic)

8 Possibly post-Kaniapiskau volcanic rocks
a) Basaltic rock, carbonate-rich
b) Tuff, highly carbonatized

7 **Menihok Formation**
(In stratigraphic order)
(a) Grey or black argillite; (b) grey siltstone;
(c) chocolate-brown, fine-grained sandstone and siltstone

6 **Sokomon Formation**
(a) Lower hematite iron-formation; (b) lower silicate-carbonate iron-formation; (c) upper hematite iron-formation; (d) upper silicate-carbonate iron-formation

5 **Ruth Formation**
(a) Brown-red or dark grey chert (often not separated on map)
(b) Greenish dark-grey siltstone and argillite; banded red, brown, grey siltstone, in places interlayered with jasper beds.

4 **Wishart Formation**
Fine- or medium-grained, grey or rarely pink sandstone or arkose, minor siltstone.

3 **SAVIGNY RAY SUBGROUP**
Savigny Formation
Dark-grey argillite

2 **PISTOLET SUBGROUP**
Alder Formation
(a) Pink granitic conglomerate, or arkose
(b) Pink or dark brown-red, fine- or medium-grained sandstone or arkose

1 **ARCHAIC**
Pink, coarse-grained granites, minor biotite-plagioclase gneisses

SYMBOLS

(a) Outcrop area, (b) outcrop

(a) Geological contact (approximative), (b) contact of Pleistocene

(a) Fault (approximative), (b) thrust fault

(a) Bedding: (a) horizontal, (b) inclined, (c) vertical

Cleavages: (a) inclined, (b) vertical

(a) Synclinal axis (approximate), (b) anticlinal axis (approximate)

(a) Overturned syncline, (b) overturned anticline

Glacial Striae: Direction of ice-movement (a) unknown, (b) known

M Major mineralization (sulfides)

m Minor mineralization (sulfides)

p Pillows in metabasalt

Location of Map-Area

Approximate Magnetic Declination (1972): 34°10' W.

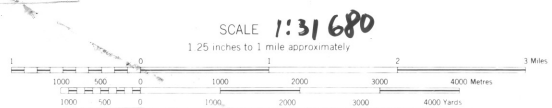
Map Scale: 1 inch = 1/4 mile

GEOLOGICAL EXPLORATION SERVICE
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Division des Sciences 200-1000, Québec
Centre de la
Documentation Technique
Date: 14/12/73
No. G.S. 263/73

MORaine LAKE QUEBEC



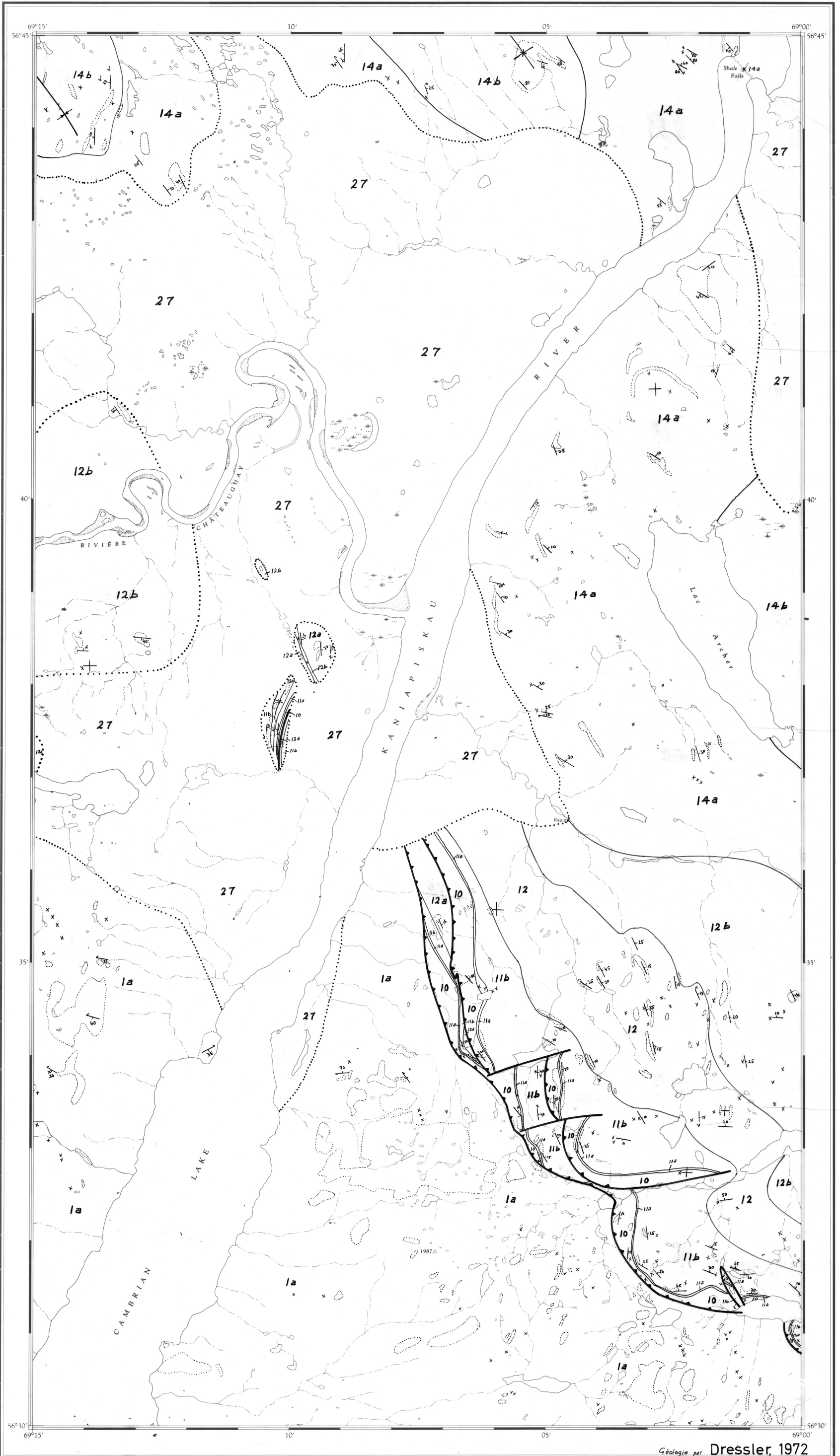
REFERENCE

Loose surface, all weather	Less than 2 lanes
Loose surface, dry weather	More than 2 lanes
Wet surface, dry weather	Water mark
Wet surface, wet weather	Water mark
Trail or path	Single track
Railways	Normal gauge, multiple track
	Normal gauge, single track
	Light gauge, single track
	Light gauge, double track

DP-119 1/4 MAGNETIC DECLINATION 36°30' WEST
AT CENTRE OF MAP 1957
Annual magnetic change 4'30" easterly

REFERENCE

Mine or Open cut	Lighthouse
Building, Barn	School, Post Office
Church	Cemetery
Streams	
Intermittent or dry	
Indefinite	
Lake, intermittent, indefinite	
Inundated land, seasonal	
Marsh or Swamp	
Flow line	
Flow line	



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SHALE FALLS QUEBEC

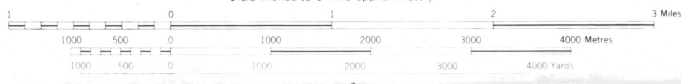
DP-119 2/4

MAGNETIC DECLINATION 36°21' WEST AT CENTRE OF MAP 1957 Annual magnetic change 4'30" easterly

REFERENCE

- Roads: loose surface, all weather less than 2 lanes
- loose surface, dry weather
- winter, cart track Winter road
- trail or portage
- Railways: normal gauge, multiple track
- normal gauge, single track
- narrow gauge, single track

SCALE 1:31680 1.25 inches to 1 mile approximately



REFERENCE

- Mine or Open cut
- Building, Barn
- Church
- Streams: intermittent or dry
- indefinite
- Lake intermittent, indefinite
- Unsettled land, seasonal
- Lighthouse *
- School, Post Office *P
- Cemetery *C

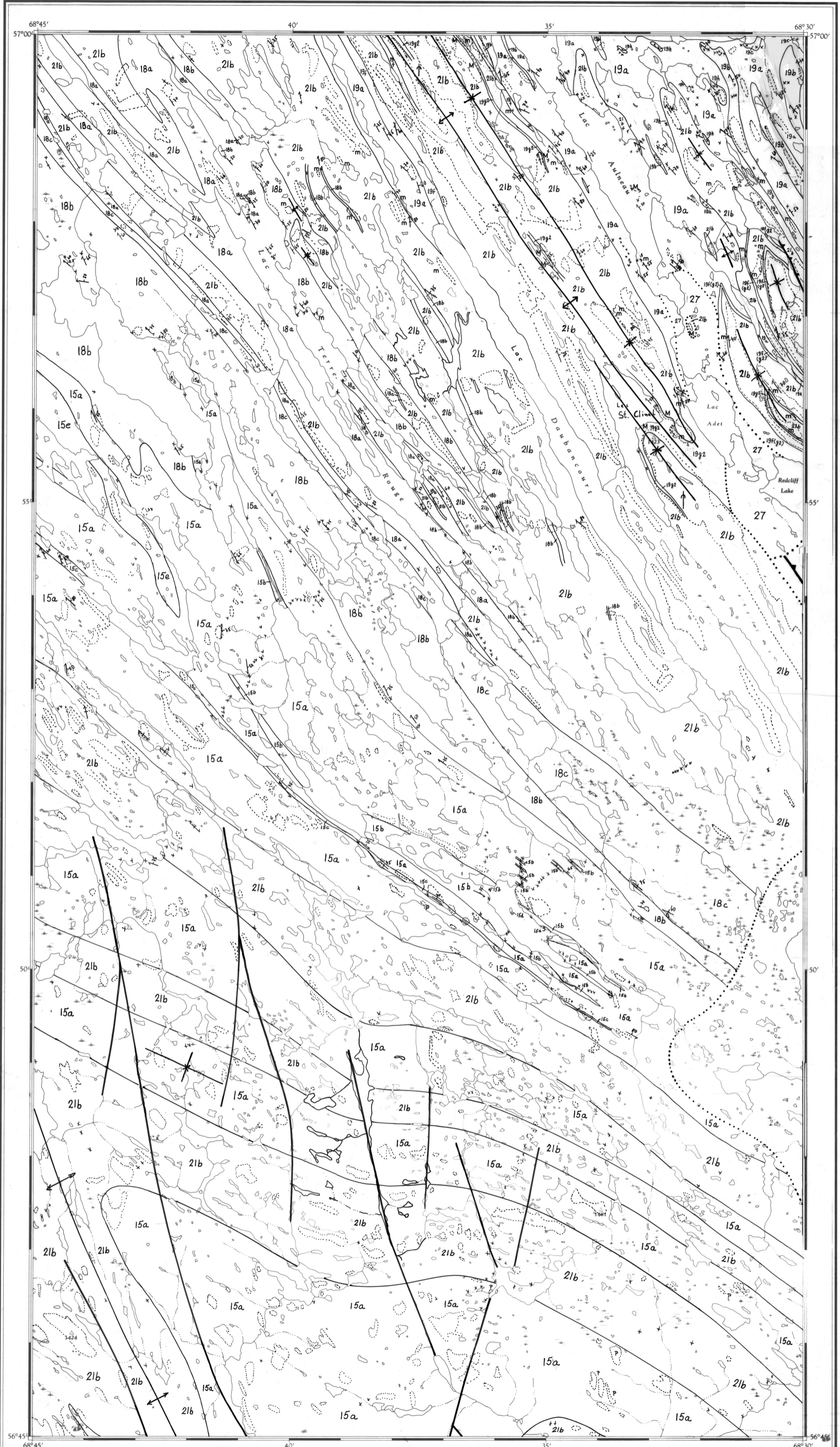
5790C

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SHEET 24 C/15 EAST HALF



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MAGNETIC DECLINATION 36° 56' WEST AT CENTRE OF MAP 1956 Annual magnetic change 4'30" easterly

FORT MCKENZIE
QUEBEC

DP-119 3/4

SCALE 1:31680
1.25 inches to 1 mile approximately



REFERENCE

- Roads: loose surface, all weather less than 2 lanes
- loose surface, dry weather
- winter, cart track Winter road
- trail or portage
- Railways: normal gauge, multiple track

REFERENCE

- Mine or Open cut
- Building, Barn
- Church
- intermittent or dry
- indefinite
- Lighthouse
- School, Post Office
- Cemetery

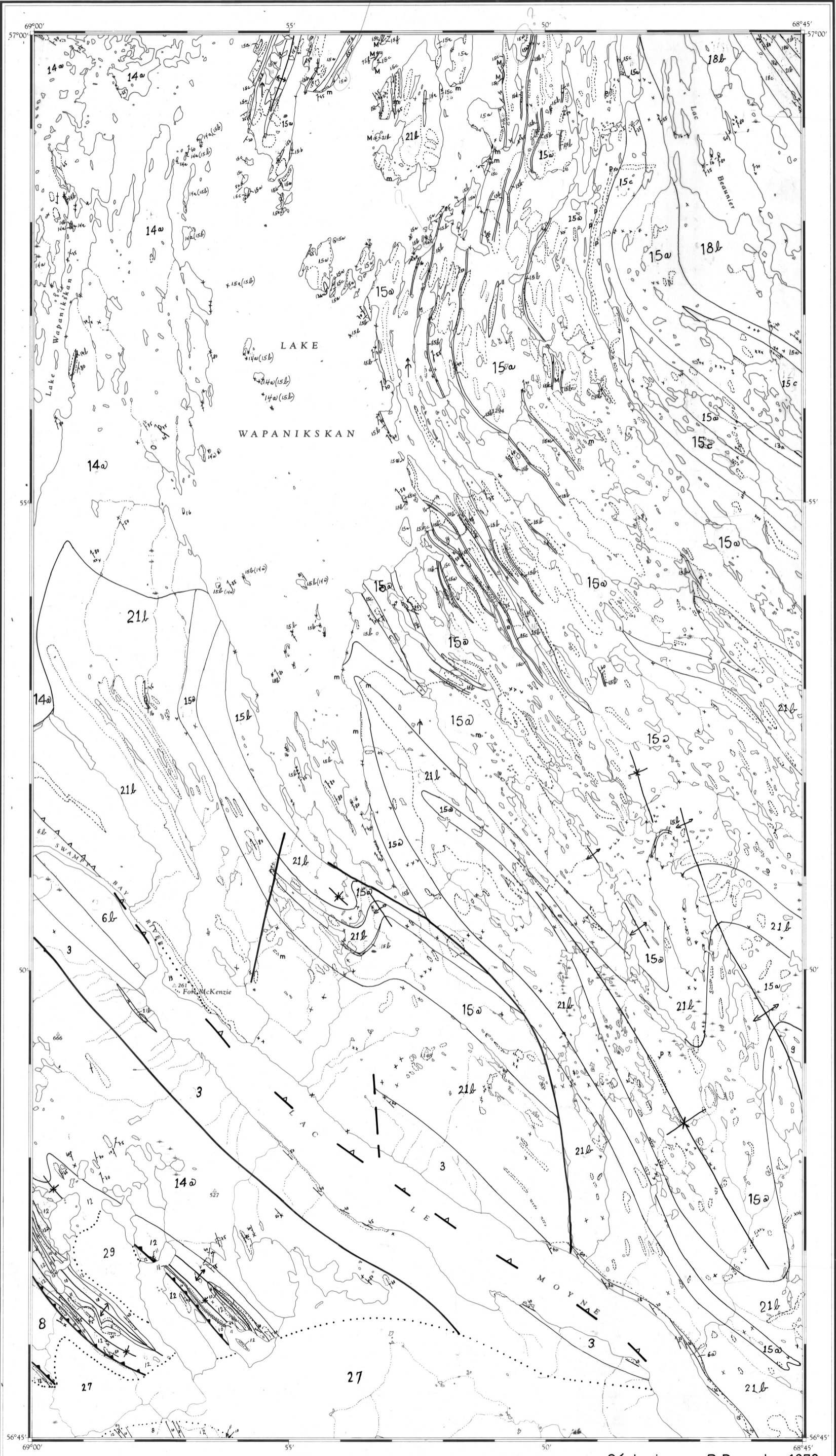
69°30'
57°15'

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DP-119 4/4

MAGNETIC DECLINATION 36° 52' WEST AT CENTRE OF MAP 1956 Annual magnetic change 4'30" easterly

FORT MCKENZIE
QUEBEC

SCALE 1:50,000

1:25 inches to 1 mile approximately



REFERENCE

- Roads
- loose surface, all weather
- loose surface, dry weather
- winter, cart track
- trail or portage
- Railways

REFERENCE

- Mine or Open cut
- Building, Barn
- Church
- Streams
- intermittent or dry
- indefinite
- Lighthouse
- School, Post Office
- Cemetery

69°30' 57'15"