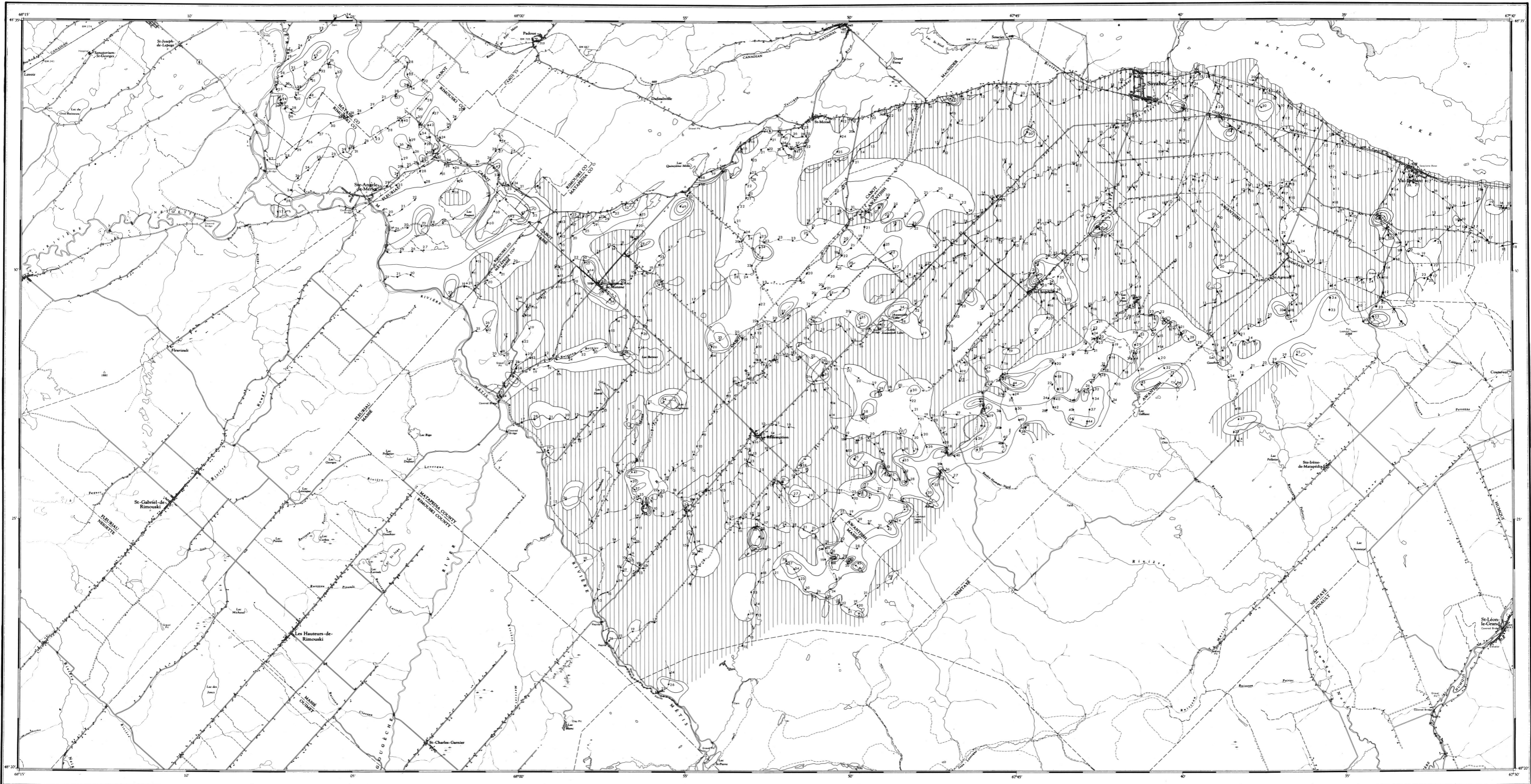


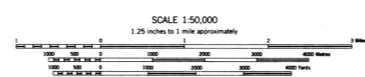


# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux)

## COMTÉ DE MATAPÉDIA «Partie Sud-Ouest»



### LAC-HUMQUI QUEBEC



**REFERENCE**

.....	Roads
.....	hard surface, all weather
.....	hard surface, all weather
.....	loose surface, all weather
.....	loose surface, dry weather
.....	winter, cart track
.....	trail or portage
.....	Railways
.....	normal gauge, multiple track
.....	normal gauge, single track
.....	narrow gauge, single track
.....	abandoned or under construction
.....	Bridges, road, railway
.....	Boundaries
.....	international, with monument
.....	provincial
.....	county or parish
.....	township or parish
.....	park, reserve, etc.
.....	Power transmission line
.....	Horizontal control point, with elevation
.....	Bench mark, with elevation

**REFERENCE**

.....	Mine or Open cut
.....	Building, Barn
.....	Church
.....	Built up area
.....	Telephone line
.....	Stream
.....	intermittent or dry
.....	intermittent
.....	Lake intermittent, indefinite
.....	hardened sand, seasonal
.....	Marsh or Swamp
.....	Fanshore flat
.....	Wharf or Pier, Breakwater
.....	Rocky reef
.....	Small island, rock bare or pebbly
.....	Contours
.....	elevation
.....	depression
.....	depression
.....	Cliff
.....	Cutting, Embankment

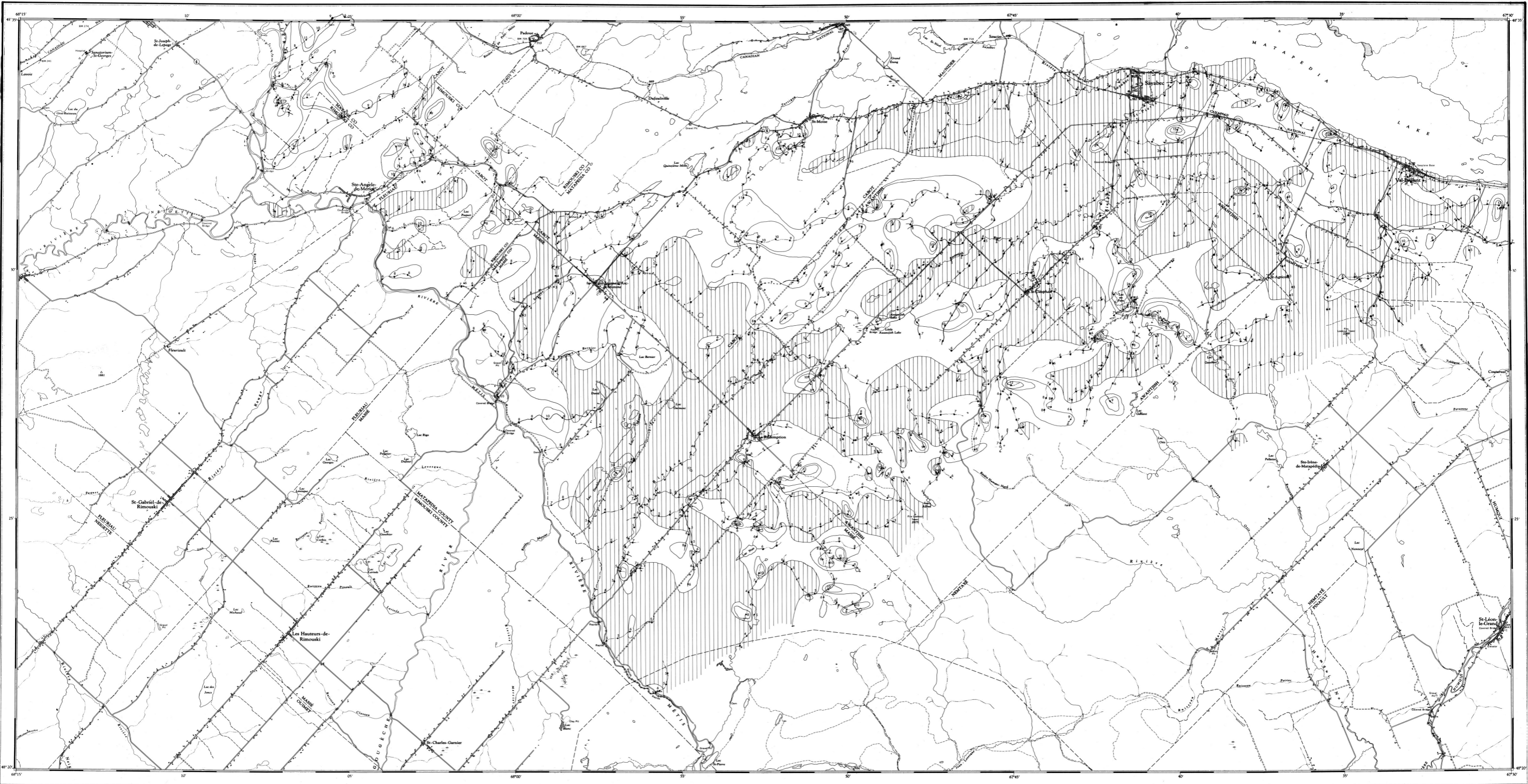
**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT : PLOMB**  
TENEUR EN PPM.

DP-325 2/16  
GR-73-Pb

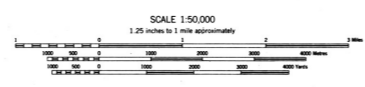
PROJET DIRIGÉ PAR: MAURICE L'HEUREUX  
Université du Québec  
Rimouki.

MAGNETIC DECLINATION 23°44' WEST  
AT CENTRE OF MAP 1957  
Annual magnetic change 2' easterly

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux) COMTÉ DE MATAPÉDIA «Partie Sud-Ouest»



## LAC-HUMQUI QUEBEC



**REFERENCE**

Roads:	
hard surface, all weather	—————
hard surface, all weather	—————
loose surface, all weather	—————
loose surface, all weather	—————
loose surface, all weather	—————
winter, cart track	—————
trail or portage	—————
Railways:	
normal gauge, multiple track	—————
normal gauge, single track	—————
narrow gauge, single track	—————
abandoned or under construction	—————
Bridges, road, railway	—————
Boundaries:	
international, with monument	—————
provincial	—————
county or district	—————
township or parish	—————
park, reserve, etc.	—————
Power transmission line	—————
Horizontal control point, with elevation	424.2
Bench mark, with elevation	424.2

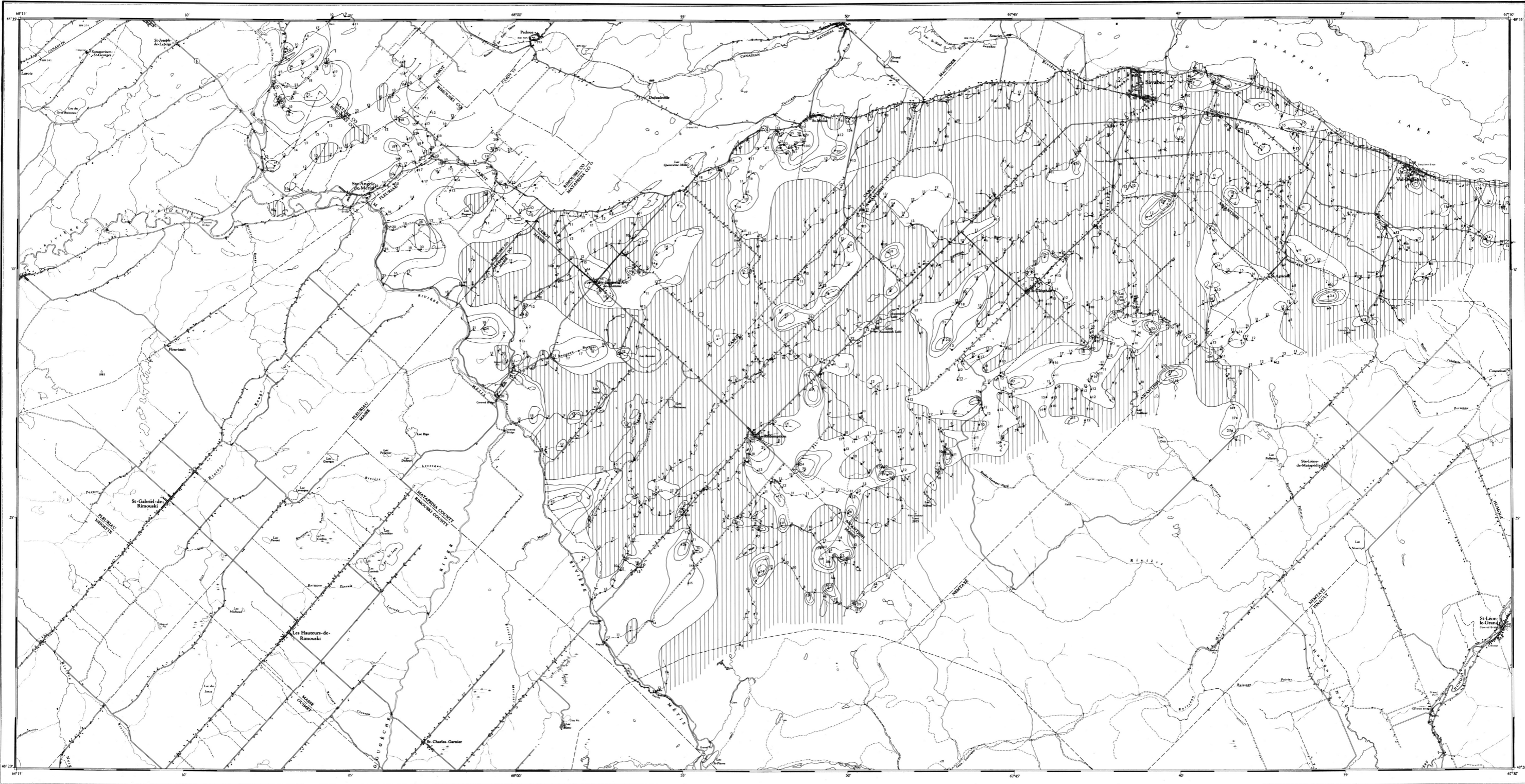
**REFERENCE**

Mine or Open cut	☐
Building, Barn	—
Church	—
Built up area	—
Telephone line	—
Streams:	
intermittent or dry	—
intermittent	—
Lake intermittent, indefinite	—
boundary, sand, seasonal	—
Mud or Swamp	—
Canal or Drain	—
Wharf or Pier, Breakwater	—
Rocks reef	—
Small island, rock bare or wash	—
Contour:	
elevation	—
depression	—
approximate	—
Cliff	—
Cutting, Embankment	—

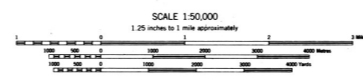
**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT : ARGENT**  
TENEUR EN E.P.M. x10<sup>-1</sup>

PROJET DIRIGÉ PAR: MAURICE L'HEUREUX,  
Université du Québec  
Rimouski.

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux) COMTÉ DE MATAPÉDIA «Partie Sud-Ouest»



## LAC-HUMQUI QUEBEC



**REFERENCE**

Roads:	hard surface, all weather	.....
	hard surface, all weather	.....
	loose surface, all weather	.....
	loose surface, dry weather	.....
	winter, cart track	.....
	trail or portage	.....
Railways:	normal gauge, multiple track	.....
	normal gauge, single track	.....
	narrow gauge, single track	.....
	abandoned or under construction	.....
	Bridges: road, railway	.....
Boundaries:	international, with monument	.....
	provincial	.....
	county or district	.....
	township or parish	.....
	park, reserve, etc.	.....
	French territorial line	.....
	Horizontal control point, with elevation	454.5
	Bench mark, with elevation	454.5

**REFERENCE**

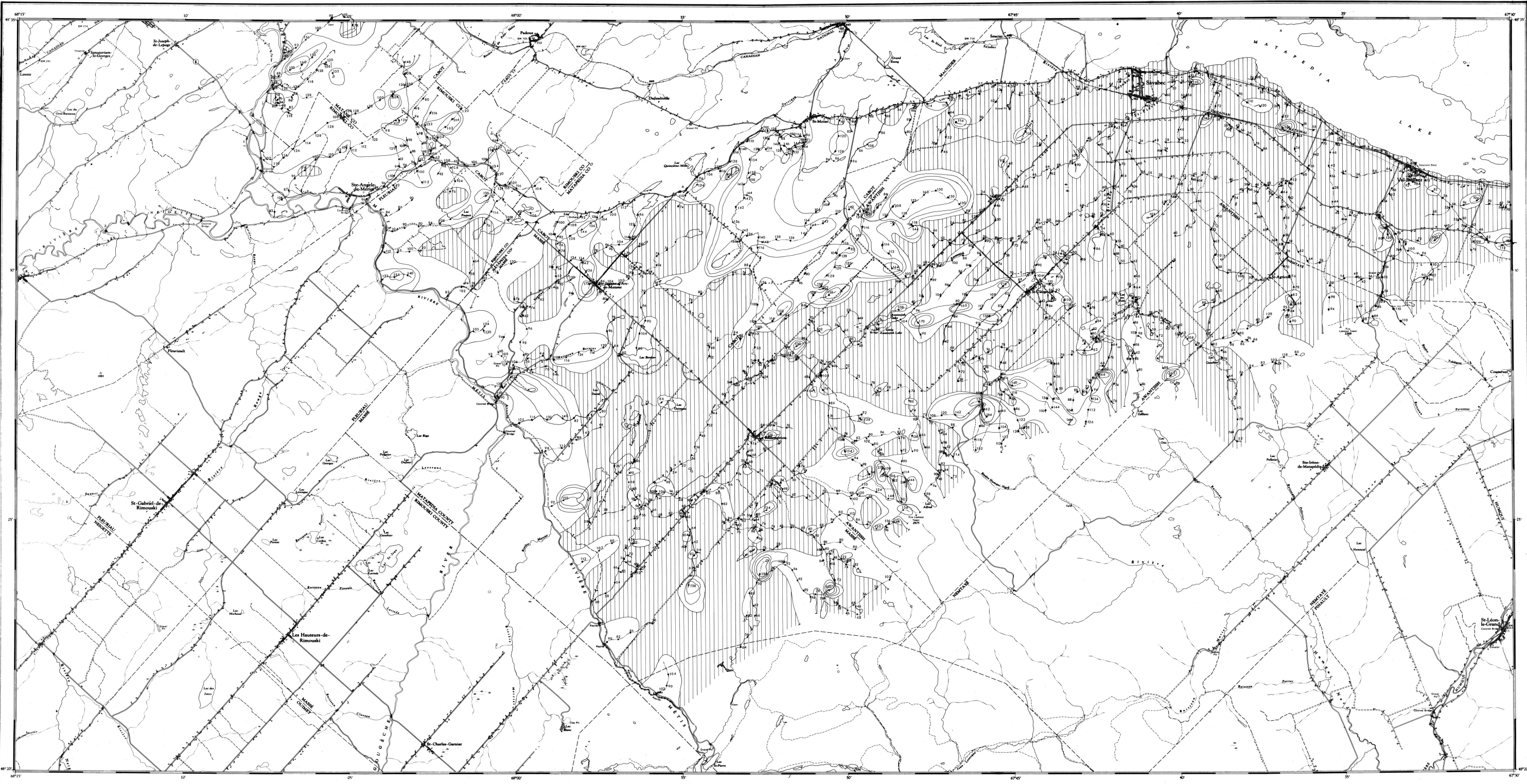
Mine or Open cut	.....	
Building: Barn	.....	
	Church	.....
	Shed or garage	.....
	Telephone line	.....
	Stream:	.....
	intermittent or dry	.....
	seasonal	.....
	Lake: intermittent, indefinite	.....
	hondated land, seasonal	.....
	Marsh or Swamp	.....
	Foreshore flats	.....
	Wharf or Pier, Breakwater	.....
	Rocky reef	.....
	Small island, rock bare or wash	.....
	Canal	.....
	Depression	.....
	approximate	.....
	Old	.....
	Cutting, Embankment	.....

LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT: CUIVRE  
TENEUR EN P.P.M.

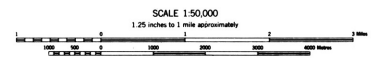
DP-325 4/16  
GR-73-Cu

PROJET DIRIGÉ PAR: MAURICE L'HEUREUX  
Université du Québec  
Rimouski.

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux) COMTÉ DE MATAPÉDIA «Partie Sud-Ouest»



## LAC-HUMQUI QUEBEC



**REFERENCE**

Roads:	hard surface, all weather	—
	hard surface, all weather	—
	loose surface, all weather	—
	loose surface, dry weather	—
	water, cart track	—
	trail or portage	—
Railways:	normal gauge, multiple track	—
	normal gauge, single track	—
	narrow gauge, single track	—
	abandoned or under construction	—
	bridges, road, railway	—
Boundaries:	international, with monument	—
	provincial	—
	county or district	—
	barrier or parish	—
	park, reserve, etc.	—
	power transmission line	—
	horizontal control point, with elevation	—
	Bench mark, with elevation	—

**REFERENCE**

Mine or Open cut	—	
Building, Barn	—	
Church	—	
Build up area	—	
Telephone line	—	
Stream:	intermittent or dry	—
	intermittent, indefinite	—
	Lake intermittent, indefinite	—
	landlocked land, seasonal	—
	Marsh or Swamp	—
	Foreshore flats	—
	Wharf or Pier, Breakwater	—
	Rocky reef	—
	Small island, rock bare or awash	—
	Contours	—
	elevation	—
	depression	—
	approximate	—
	Contour	—
	Cut	—
	Cutting, Embankment	—

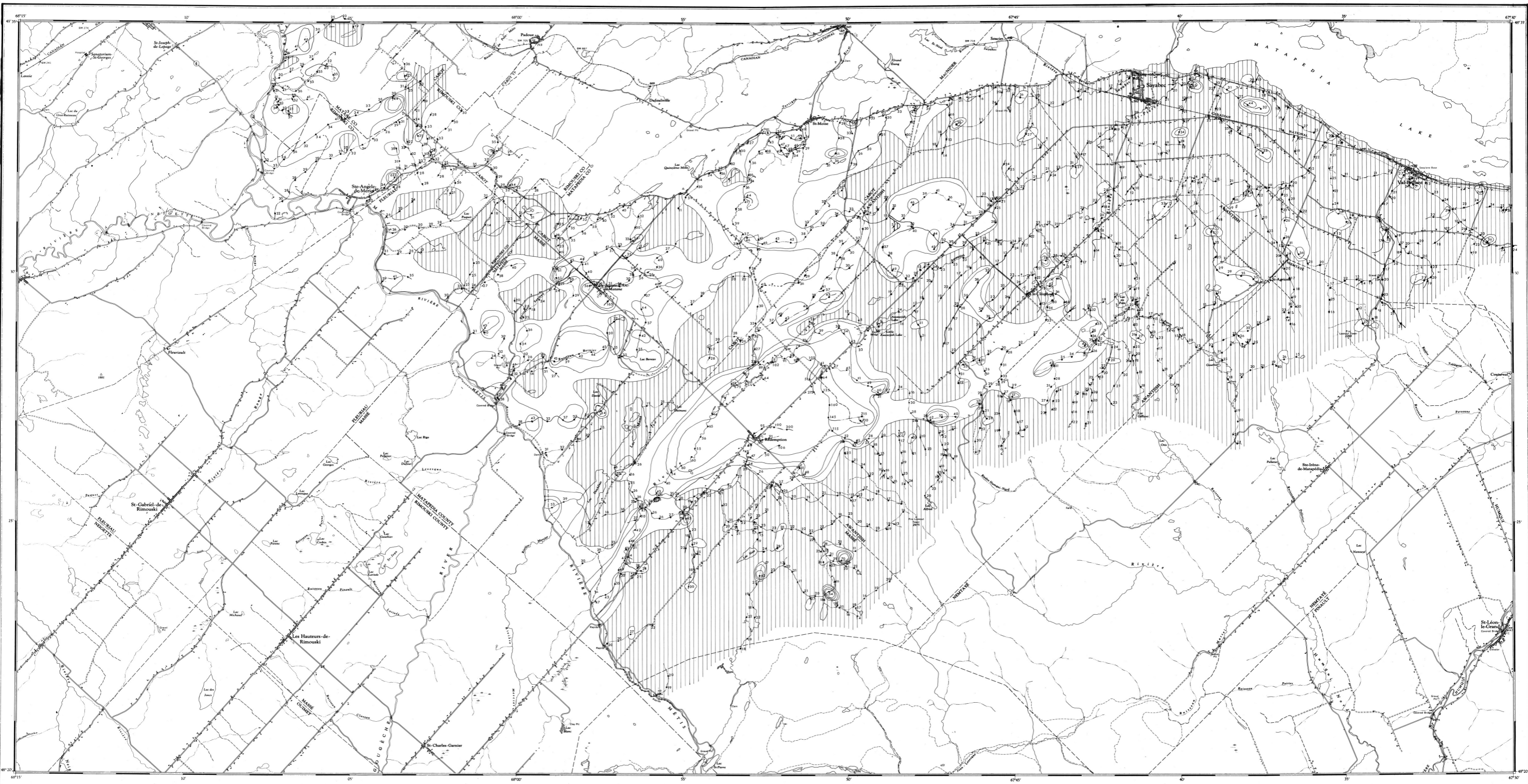
**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT : ZINC**  
TENEUR EN P.P.M.

DP-325 5/16  
GR-73-Zn

PROJET DIRIGÉ PAR: MAURICE L'HEUREUX  
Université du Québec  
Rimouki.

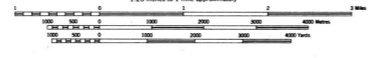
# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux)

## COMTÉ DE MATAPÉDIA «Partie Sud-Ouest»



### LAC-HUMQUI QUEBEC

SCALE 1:50,000  
1.25 inches to 1 mile approximately



**REFERENCE**

Roads:	hard surface, all weather	—
	hard surface, all weather	—
	loose surface, all weather	—
	loose surface, dry weather	—
	winter, cart track	—
	trail or portage	—
Railways:	normal gauge, multiple track	—
	normal gauge, single track	—
	narrow gauge, single track	—
	abandoned or under construction	—
	Bridges: road, railway	—
Boundaries:	international, with monument	—
	provincial	—
	county or district	—
	township or parish	—
	park, reserve, etc.	—
	Power transmission line	—
	Horizontal control point, with elevation	—
	Bench mark, with elevation	—

**REFERENCE**

Mine or Open cut	—	
Building, Barn	—	
Church	—	
Built up area	—	
Telephone line	—	
Streams:	intermittent or dry	—
	indefinite	—
	Lake intermittent, indefinite	—
	hundreded land, seasonal	—
	Marsh or Swamp	—
	Fenshore flat	—
	Wharf or Pier, Breakwater	—
	Rock reef	—
	Small island, rock bare or awash	—
Contours:	elevation	—
	depression	—
	approximate	—
	Cliff	—
	Cutting, Embankment	—

**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT: NICKEL**  
TENEUR EN P.P.M.

DP-325 6/16

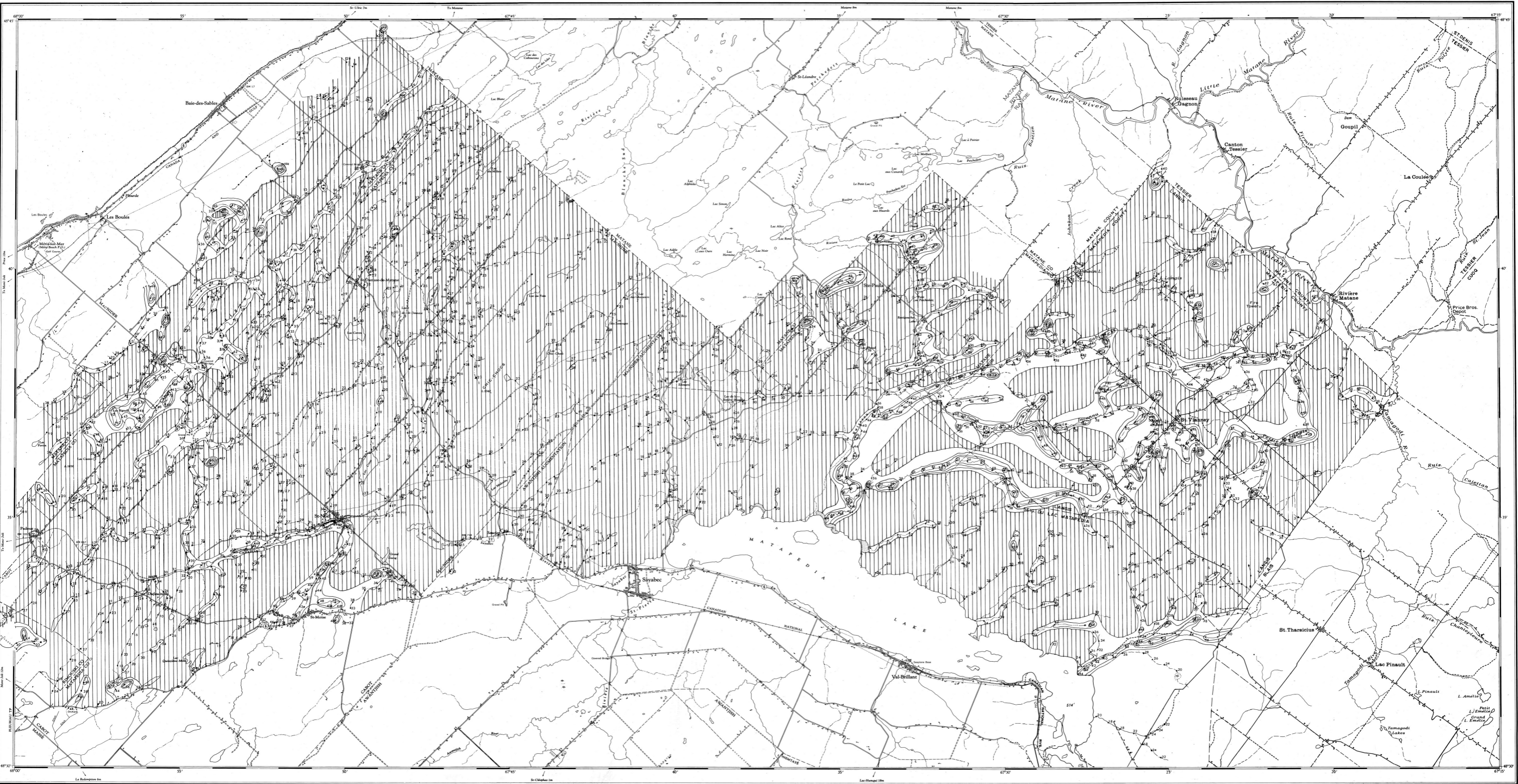
GR-73-NI

PROJET DIRIGÉ PAR: MAURICE L'HEUREUX,  
Université du Québec  
Rimouski.

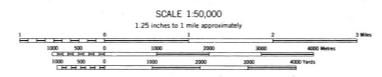
MAGNETIC DECLINATION 27.46 WEST  
AT CENTRE OF MAP 1957  
Annual magnetic change 2' westerly

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux)

## COMTÉ DE MATAPÉDIA «Partie Nord-Ouest»



### SAYABEC QUEBEC



**REFERENCE**

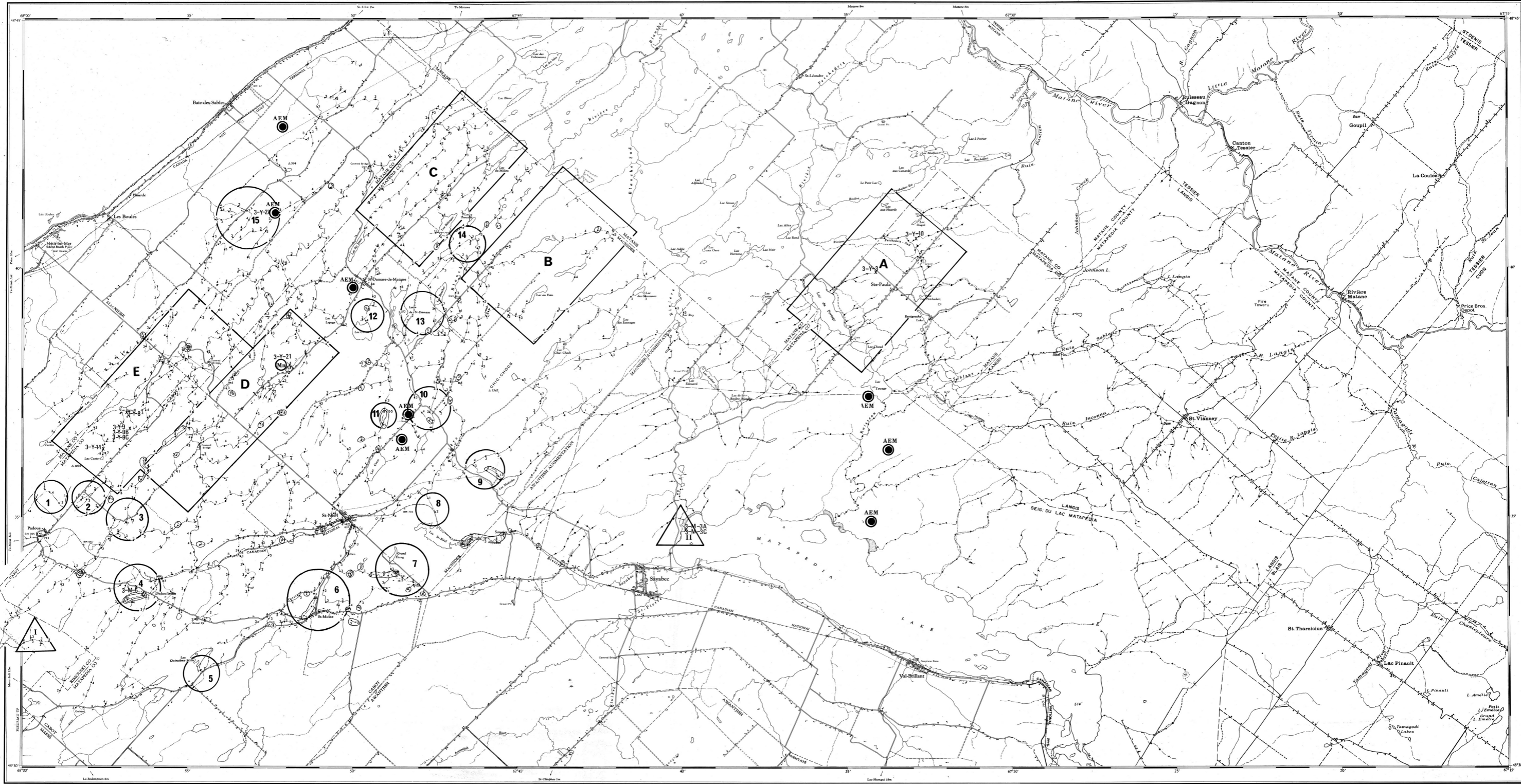
Roads:	hard surface, all weather	—
	hard surface, all weather	—
	loose surface, all weather	—
	loose surface, dry weather	—
	winter, cart track	—
	trail or portage	—
Railways:	normal gauge, multiple track	—
	normal gauge, single track	—
	narrow gauge, single track	—
	abandoned or under construction	—
Bridges:	road, railway	—
Boundaries:	international, with monument	—
	provincial	—
	county or district	—
	parish or township	—
	park, reserve, etc.	—
	Power transmission line	—
	Horizontal control point, with elevation	—
	Bench mark, with elevation	—

**REFERENCE**

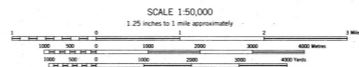
Light House	—	
Building, Barn	—	
Church	—	
Build up area	—	
Telephone line	—	
Streams:	intermittent or dry	—
	intermittent, indefinite	—
	Lake intermittent, indefinite	—
	intermittent, seasonal	—
	Marsh or Swamp	—
	Foreshore flat	—
	Wharf or Pier, Breakwater	—
	Rocky reef	—
	Small island, rock bare or seaw	—
	Contours	—
	elevation	—
	depression	—
	approximate	—
	Contour	—
	Cutting, Embankment	—
	Forest	—

**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT: NICKEL**  
 Localisation du prélèvement et teneur en ppm.: 15  
 Courbe d'isoteneur:  
 Bruit de fond:

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux) COMTÉ DE MATAPÉDIA «Partie Nord-Ouest»



## SAYABEC QUEBEC



**REFERENCE**

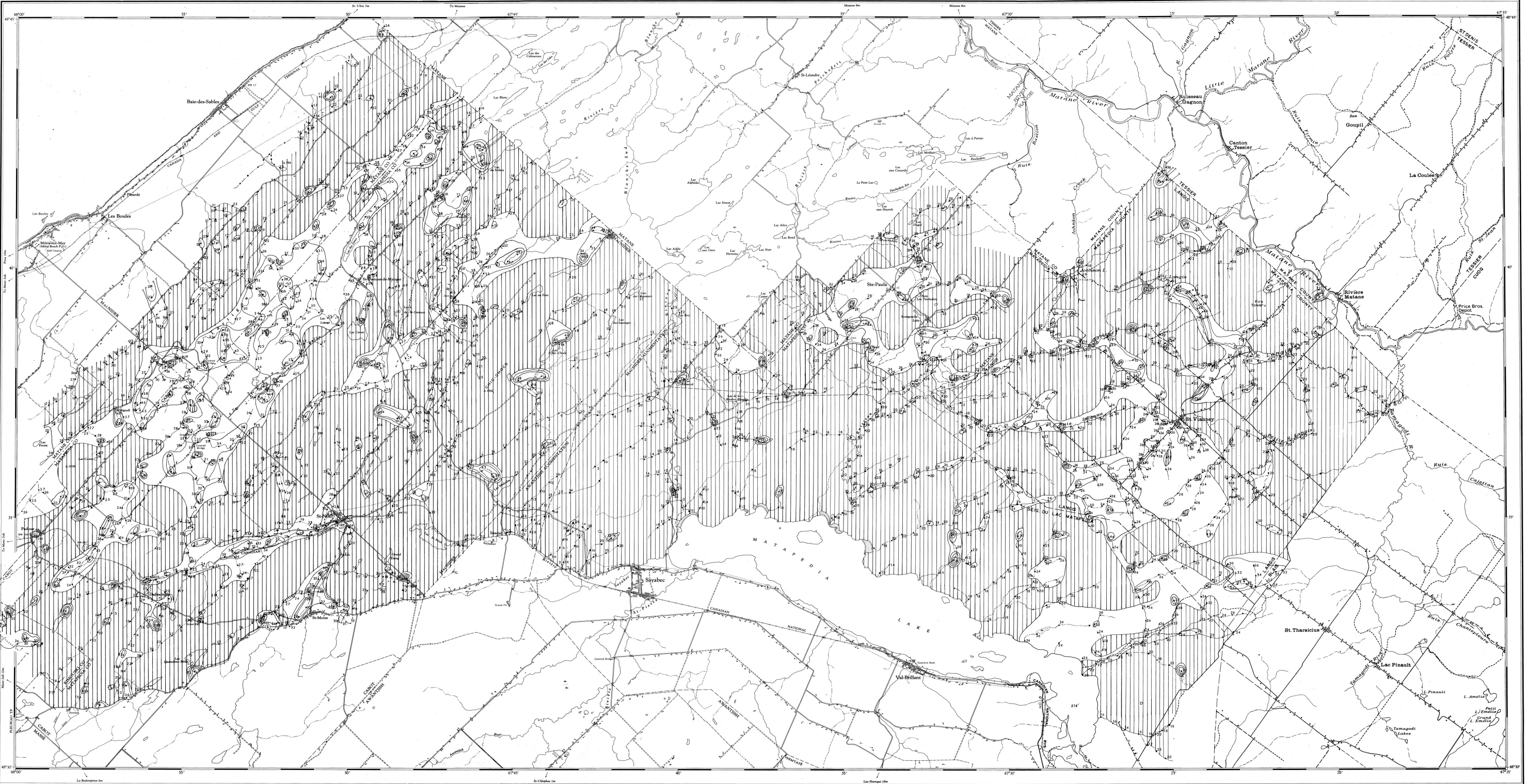
Roads:	hard surface, all weather	-----
	hard surface, all weather	-----
	loose surface, all weather	-----
	loose surface, dry weather	-----
	water, cart track	-----
	trail or portage	-----
Railways:	normal gauge, multiple track	-----
	normal gauge, single track	-----
	narrow gauge, single track	-----
	abandoned or under construction	-----
	Bridges, road, railway	-----
Boundaries:	international, with monument	-----
	provincial	-----
	county or district	-----
	township or parish	-----
	park, reserve, etc.	-----
	Power transmission line	-----
	Horizontal control point, with elevation	-----
	Bench mark, with elevation	-----

**REFERENCE**

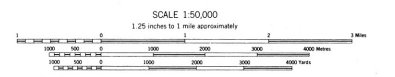
Mine or Open cut	-----	
Building, Barn	-----	
Church	-----	
Built up area	-----	
Telephone line	-----	
Streams:	intermittent or dry	-----
	intermittent, indefinite	-----
	intermittent, seasonal	-----
	Marsh or Swamp	-----
	Fenestration fans	-----
	Wharf or Pier, Breakwater	-----
	Rock reef	-----
	Small island, rock bare or awash	-----
Contours:	elevation	-----
	approximate	-----
	depression	-----
	approximate	-----
	Cliff	-----
	Cutting, Embankment	-----
	Forest	-----

**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT : ÉTAIN**  
Localisation du prélèvement et teneur en ppm. : 15  
Courbe d'isoteneur :   
Bruit de fond :

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux) COMTÉ DE MATAPÉDIA «Partie Nord-Ouest»



## SAYABEC QUEBEC



**REFERENCE**

.....	Roads:
.....	hard surface, all weather
.....	loose surface, all weather
.....	loose surface, dry weather
.....	winter cart track
.....	trail or portage
.....	Railways:
.....	normal gauge, multiple track
.....	normal gauge, single track
.....	narrow gauge, single track
.....	abandoned or under construction
.....	Bridges: road, railway
.....	Boundaries:
.....	international, with monument
.....	provincial
.....	county or district
.....	township or parish
.....	park, reserve, etc.
.....	Power transmission line
.....	Horizontal control point, with elevation
.....	Bench mark, with elevation

**REFERENCE**

.....	Nine or Ditch
.....	Building, Barn
.....	Church
.....	Built up area
.....	Telephone line
.....	Stream:
.....	intermittent or dry
.....	intermittent
.....	Lake intermittent, indefinite
.....	intermittent
.....	inundated land, seasonal
.....	Marsh or Swamp
.....	Foreshore flats
.....	Wheat or Rice, Brushwater
.....	Rocky reef
.....	Small island, rock bare or wash
.....	Contours:
.....	elevation
.....	depression
.....	approximate
.....	contour
.....	Cutting, Embankment
.....	Forest

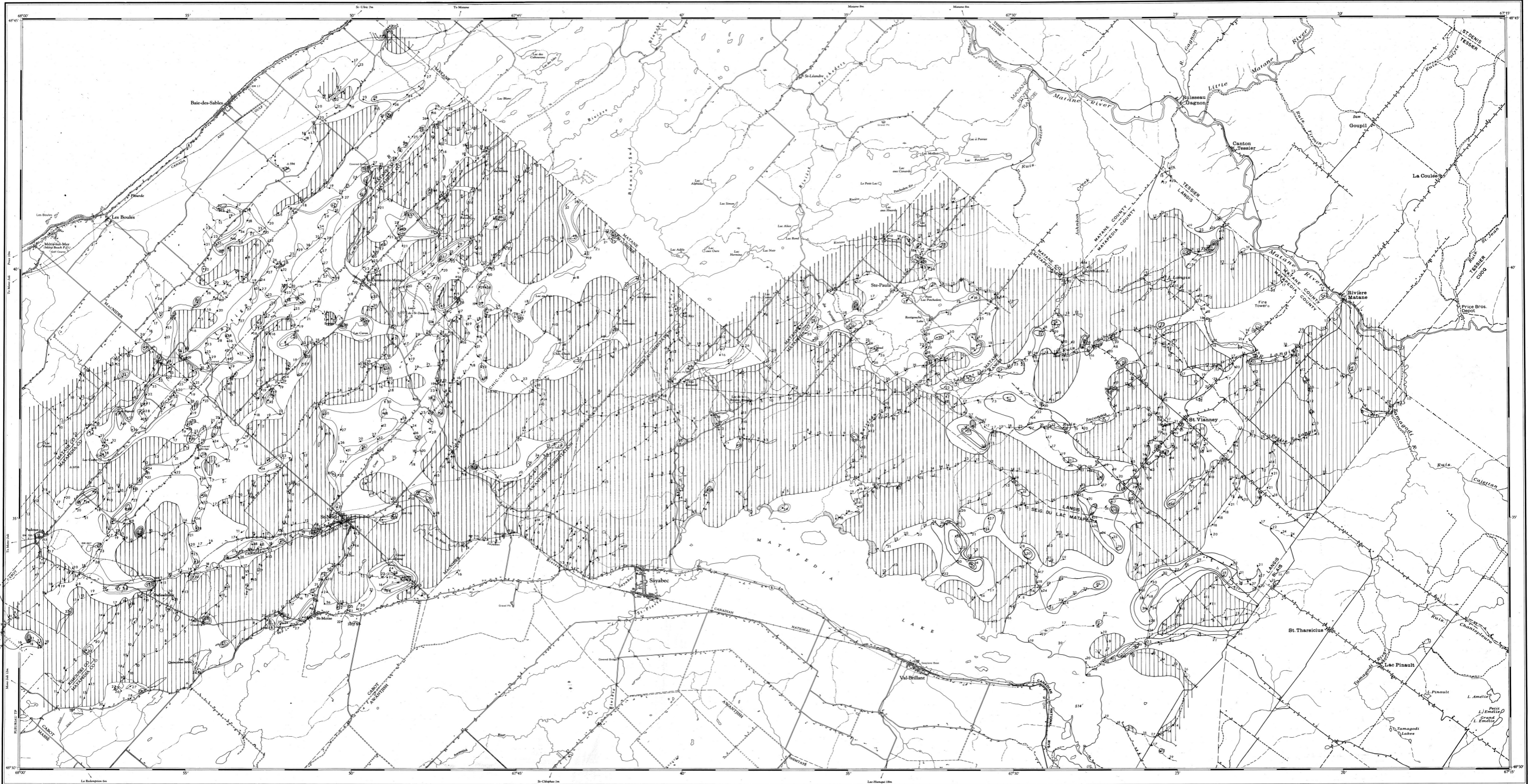
**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT: PLOMB**  
Localisation du prélèvement et teneur en ppm. : 15

Courbe d'isoteneur :

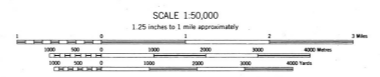
Bruit de fond :

MAGNETIC DECLINATION 34°00' WEST  
AT CENTRE OF MAP 1958  
Annual magnetic change 1'30" westerly

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux) COMTÉ DE MATAPÉDIA «Partie Nord-Ouest»



## SAYABEC QUEBEC



**REFERENCE**

hard surface, all weather	.....
hard surface, all weather	.....
loose surface, all weather	.....
loose surface, dry weather	.....
winter cut track	.....
trail or path	.....
Railroad	.....
normal gauge, multiple track	.....
normal gauge, single track	.....
narrow gauge, single track	.....
abandoned or under construction	.....
Bridge: road, railway	.....
Boundaries	.....
international, with monument	.....
provincial	.....
county or district	.....
borough or parish	.....
park, reserve, etc.	.....
Power transmission line	.....
Horizontal control point, with elevation	.....
Bench mark, with elevation	.....

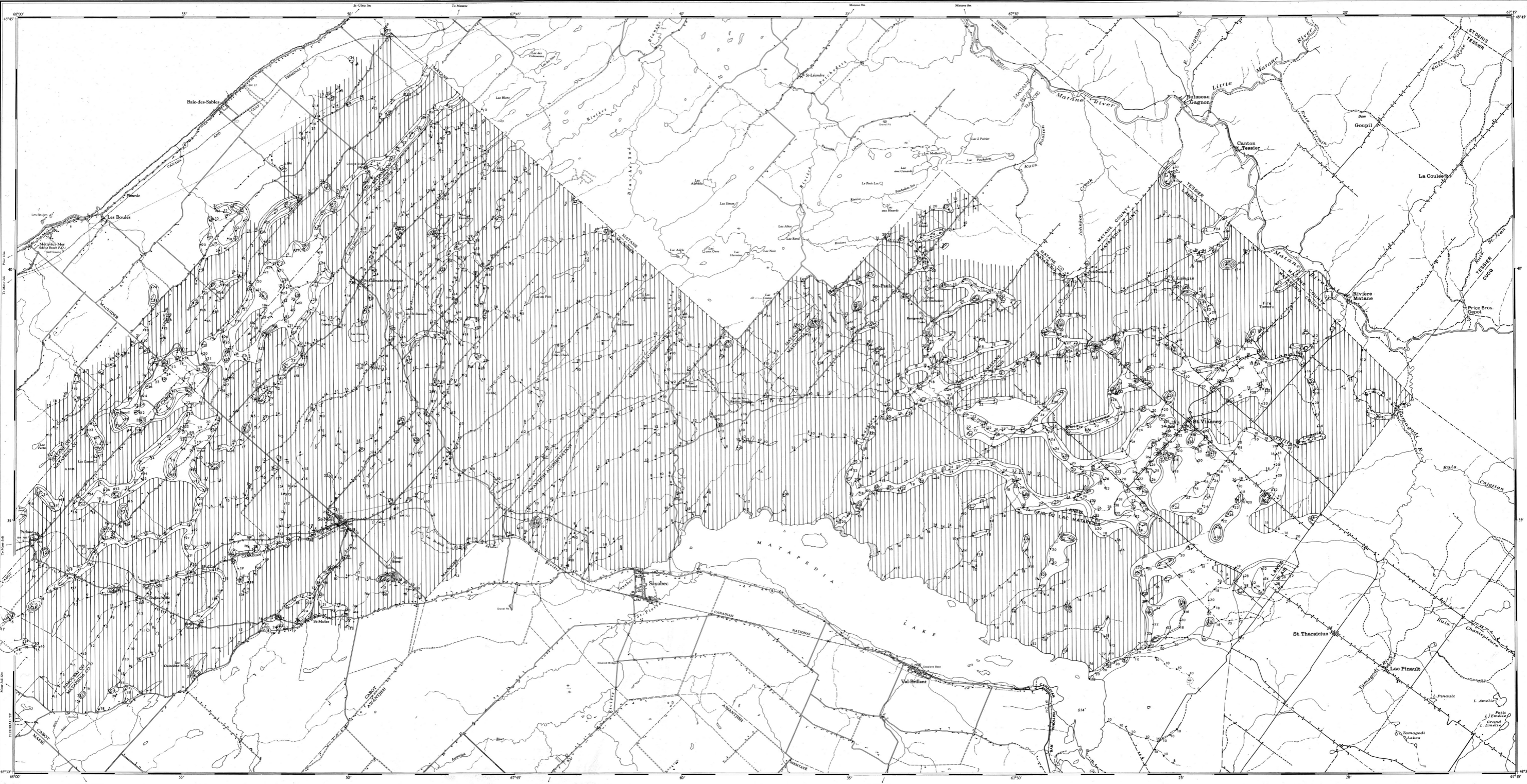
**REFERENCE**

Mine or Open cut	.....
Building: Barn	.....
Church	.....
Built up area	.....
Telephone line	.....
Stream	.....
intermittent or dry	.....
Swamp	.....
Lake: intermittent, indefinite	.....
bounded land, seasonal	.....
Marsh or Swamp	.....
Foreshore flat	.....
Wharf or Pier: Breakwater	.....
Rocky reef	.....
Small island, rock bars or wash	.....
Contour	.....
elevation	.....
depression	.....
approximate	.....
Cut	.....
Cutting, Embankment	.....
Forest	.....

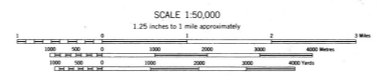
**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT: CUIVRE**  
Localisation du prélèvement et teneur en ppm.: 15  
Bruit de fond:

MAGNETIC DECLINATION 24°59' WEST  
AT CLAYTON, QUEBEC  
Annual magnetic change 1'30" easterly

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux) COMTÉ DE MATAPÉDIA «Partie Nord-Ouest»



## SAYABEC QUEBEC



**REFERENCE**

Road:	normal gauge, multiple track	—+—+—+—
hard surface, all weather	normal gauge, single track	—+—+—+—
loose surface, all weather	abandoned or under construction	—+—+—+—
loose surface, dry weather	bridge, road, viaduct	—+—+—+—
winter, car track	boundary	—+—+—+—
trail or portage	international, with monument	—+—+—+—
Railway:	provincial	—+—+—+—
normal gauge, multiple track	county or district	—+—+—+—
normal gauge, single track	ownership or parish	—+—+—+—
abandoned or under construction	park, reserve, etc.	—+—+—+—
bridge, road, viaduct	power transmission line	—+—+—+—
boundary	horizontal control point, with elevation	—+—+—+—
international, with monument	bench mark, with elevation	—+—+—+—
provincial		
county or district		
ownership or parish		
park, reserve, etc.		
power transmission line		
horizontal control point, with elevation		
bench mark, with elevation		

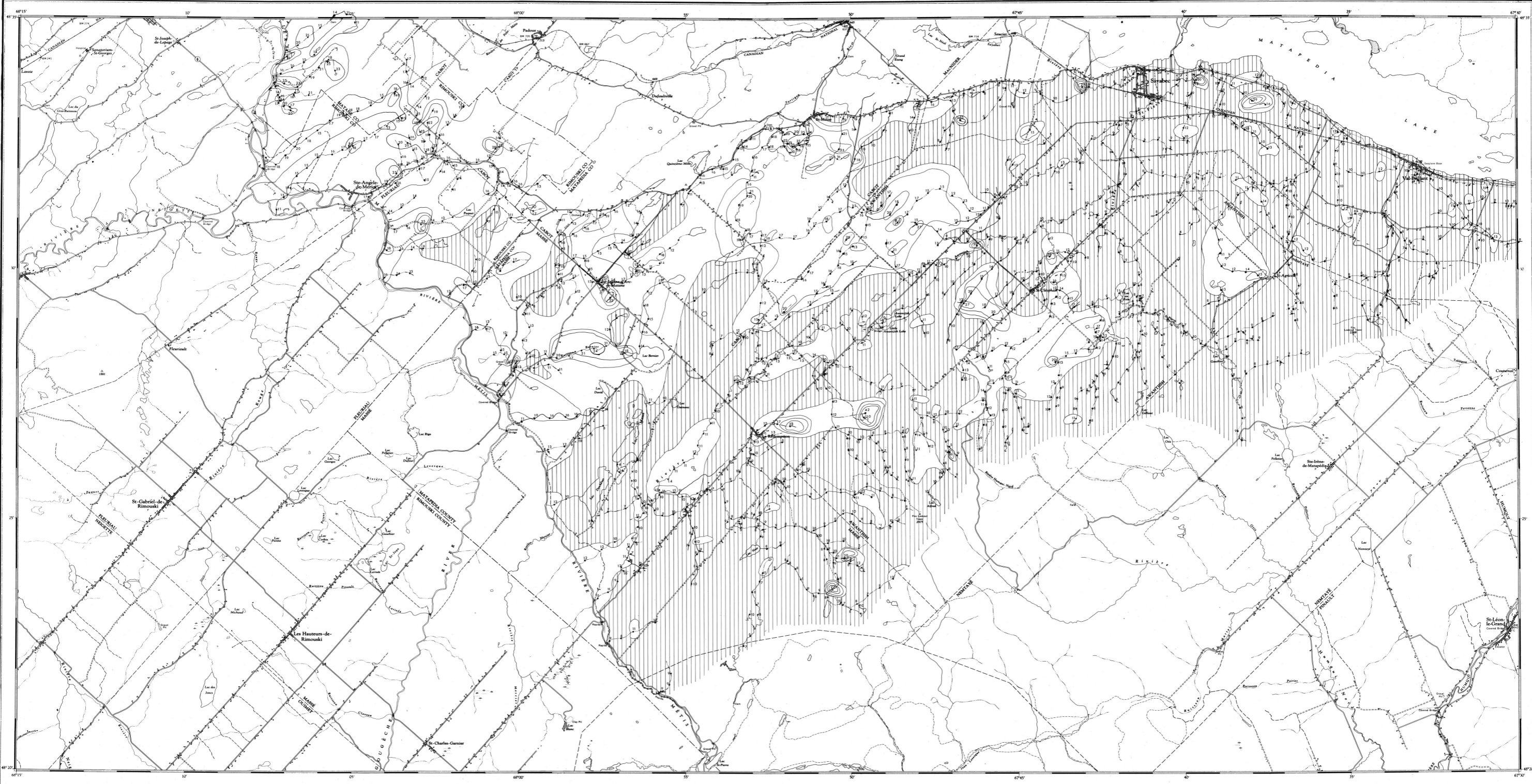
**REFERENCE**

mine or claim lot	light house	—+—+—+—
building, barn	school, post office, or church	—+—+—+—
built up area	cemetery	—+—+—+—
telephone line		
stream:		
intermittent or dry		
indefinite		
lake intermittent, indefinite		
hundreded land, seasonal		
marsh or swamp		
foreshore flats		
shrub or tree, broadleaf		
rocky reef		
small island, rock bars or wash		
contour:		
elevation		
depression		
approximate		
contour		
cutting, embankment		
fluvial		

**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT: COBALT**  
 Localisation du prélèvement et teneur en ppm.: 15  
 Courbe d'isoteneur:  
 Bruit de fond:

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux)

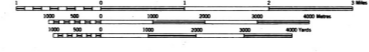
## COMTÉ DE MATAPÉDIA «Partie Sud-Ouest»



### LAC-HUMQUI QUÉBEC

SCALE 1:50,000

1.25 inches to 1 mile approximately



**REFERENCE**

Roads:	
hard surface, all weather	—
half surface, all weather	—
loose surface, all weather	—
loose surface, dry weather	—
water, cut track	—
trail or portage	—
Railways:	
normal gauge, multiple track	—
normal gauge, single track	—
narrow gauge, single track	—
abandoned or under construction	—
Bridges, steel, railway	—
Boundaries:	
international, with monument	—
provincial	—
county or district	—
township or parish	—
park, reserve, etc.	—
Power transmission line	—
Horizontal control point, with elevation	—
Bench mark, with elevation	—

**REFERENCE**

Mine or Open cut	—
Building, Barn	—
Church	—
Built up area	—
Telephone line	—
Streams:	
intermittent or dry	—
rocky	—
Lake, intermittent, indefinite	—
hazardous land, seasonal	—
Marsh or Swamp	—
Firestone flat	—
Wharf or Pier, Breakwater	—
Rocky reef	—
Small island, rock bare or wash	—
Contours:	
elevation	—
depression	—
approximate	—
Contour	—
Cutting, Embankment	—

LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT : COBALT  
TENEUR EN PPM.

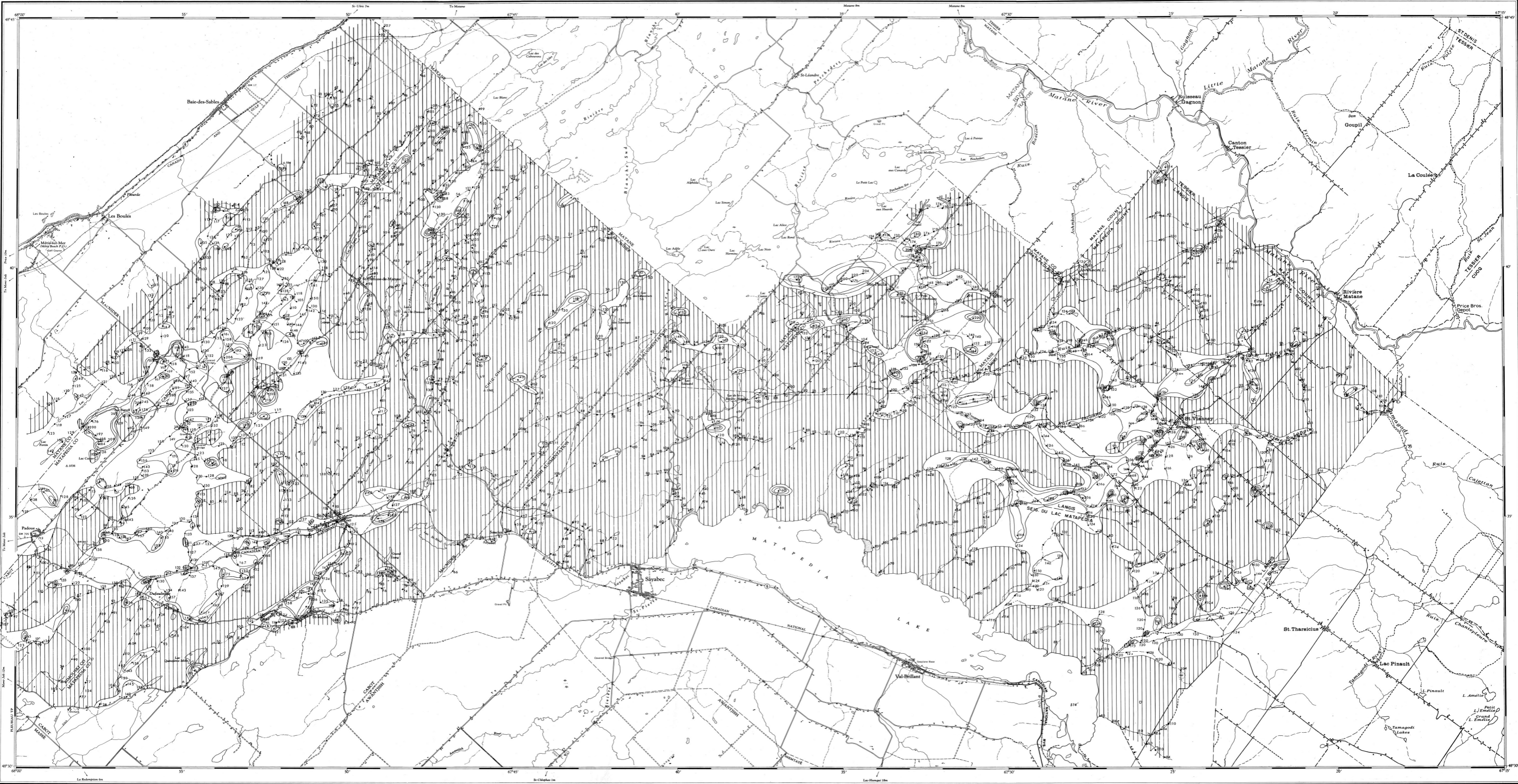
GR-73-Co

DP-325 12/16

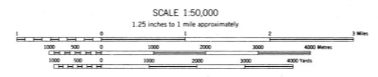
PROJET DIRIGÉ PAR: MAURICE L'HEUREUX,  
Université du Québec,  
Rimouski.

MAGNETIC DECLINATION 23°44' WEST  
AT CENTRE OF MAP 1957  
Annual magnetic change 2' westerly

# CARTE GÉOCHIMIQUE (Sédiments de ruisseaux) COMTÉ DE MATAPÉDIA «Partie Nord-Ouest»



## SAYABEC QUEBEC



**REFERENCE**

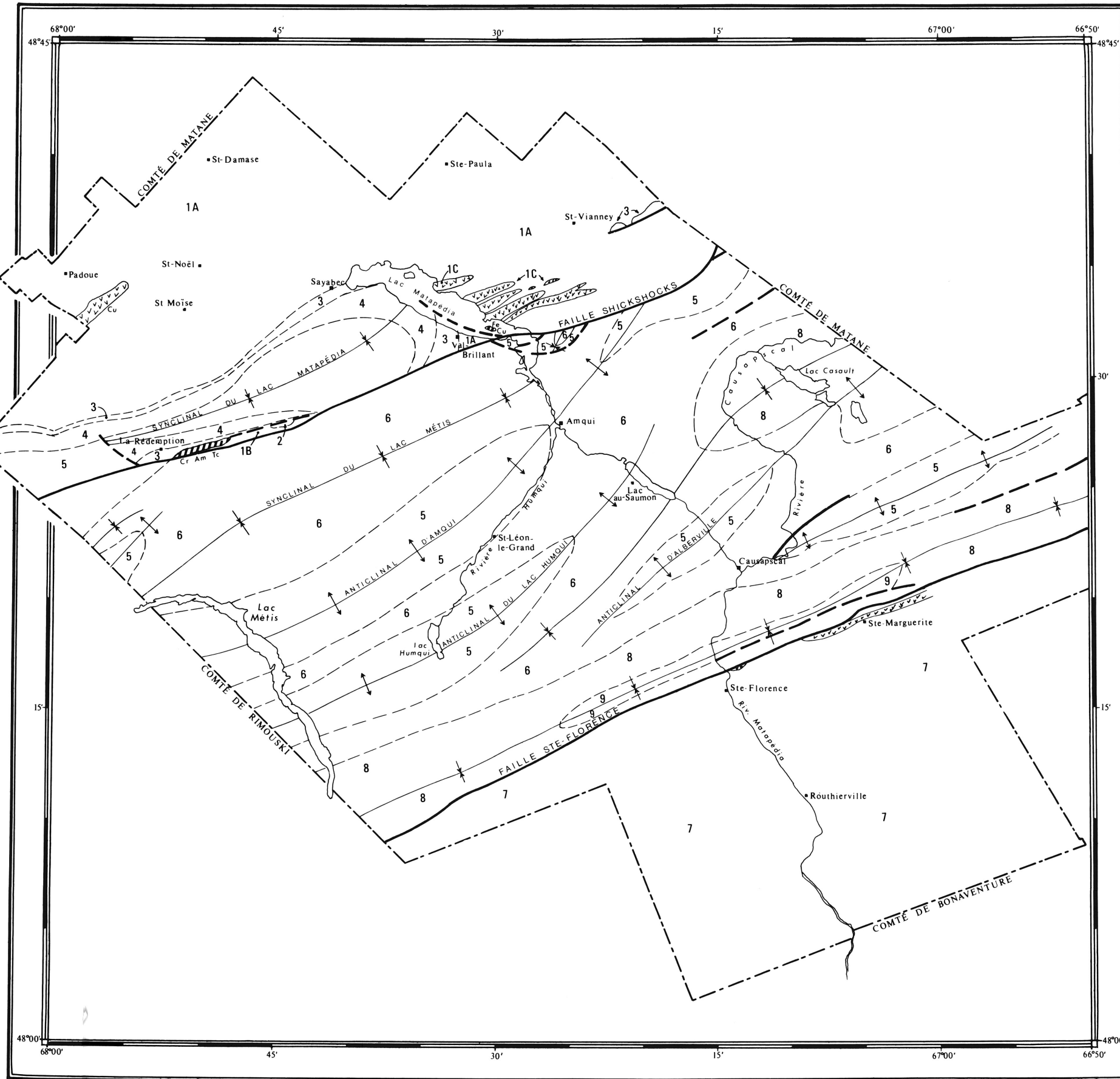
Road:	hard surface, all weather	.....
	hard surface, all weather	.....
	loose surface, all weather	.....
	loose surface, dry weather	.....
	winter, car track	.....
	trail or path	.....
Railroad:	normal gauge, multiple track	.....
	normal gauge, single track	.....
	narrow gauge, single track	.....
	abandoned or under construction	.....
	Bridge, road, railway	.....
Boundary:	international, with monument	.....
	provincial	.....
	county or district	.....
	township or parish	.....
	park, reserve, etc.	.....
	Power transmission line	.....
	Horizontal control point, with elevation	.....
	Bench mark, with elevation	.....

**REFERENCE**

Mine or Open cut	.....	
Building, Barn	.....	
Church	.....	
Built up area	.....	
Telephone line	.....	
Stream:	intermittent or dry	.....
	water	.....
	Lake intermittent, indefinite	.....
	perennial	.....
	marsh or swamp	.....
	Freshwater falls	.....
	Shoal or Reef, Breakwater	.....
	Rocky reef	.....
	Small island, rock bare or awash	.....
	Contour:	.....
	approximate	.....
	Contour	.....
	depression	.....
	approximate	.....
	Contour	.....
	Cutting, Embankment	.....
	Forest	.....

**LEVÉ GÉOCHIMIQUE DE L'ÉLÉMENT: ZINC**  
 Localisation du prélèvement et teneur en ppm.: 15  
 Courbe d'isoteneur: [Symbol]  
 Bruit de fond: [Symbol]

PROJET MATAPÉDIA  
CARTE GÉOLOGIQUE  
du comté de Matapédia



LÉGENDE

- Limite de comté
- ~ Rivière
- Ville ou Village
- - - Limite de formation
- Faille certaine
- - - Faille présumée
- ↕ Anticlinal
- ↘ Synclinal
- ∇∇∇ Roche volcanique

Cu - cuivre Minéralisation  
Fe - Fer  
Cr - Chromite  
Am - Amiante  
Tc - Talc

DEVONIEN MOYEN A SUPERIEUR

9 Formation Lake Branch

DEVONIEN INFÉRIEUR

8 Formation Riv. York

7 Groupe Fortin

6 Formation Cap-Bon-Ami  
Grande-Grève

SILURIEN

5 Formation St-Léon

4 Formation Sayabec

3 Formation Val-Brillant

2 Formation Awanjish

▨ Roches intrusives  
postérieures au groupe  
de Québec  
(Serpentinite et Diorite)

CAMBRO-ORDOVICIEN

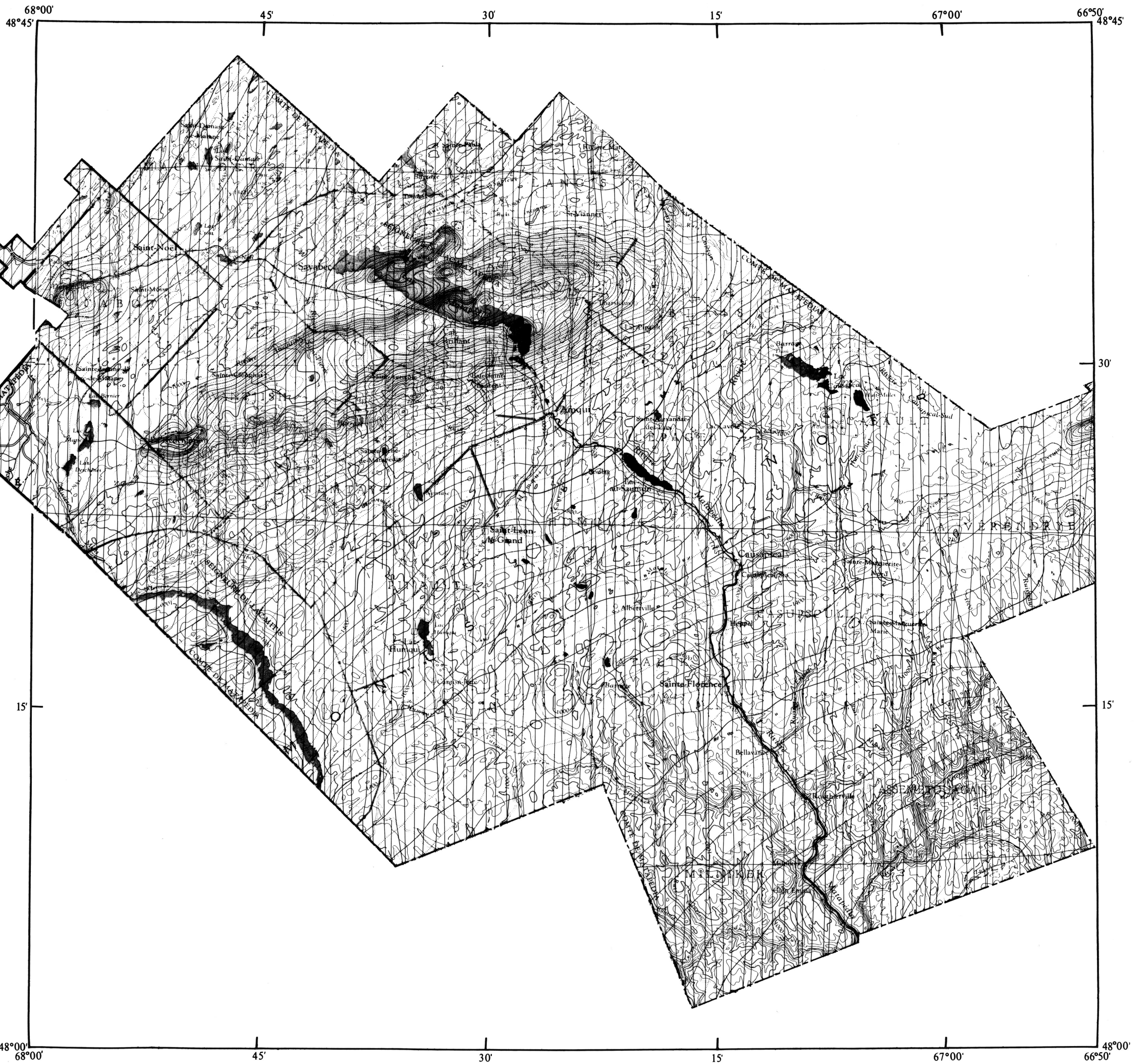
1 Groupe de Québec  
(1 A et 1 B)

1 C: Sous-groupe des Shickshocks

∇∇∇ Roches volcaniques  
(Âges variant)

Échelle 1:250,000  
Milles 5 0 5 10 15 20

# PROJET MATAPÉDIA CARTE AÉROMAGNÉTIQUE du comté de Matapédia



Levé magnétique aérien, octobre 1966 à mars 1968,  
par Spartan Air Services Limited.

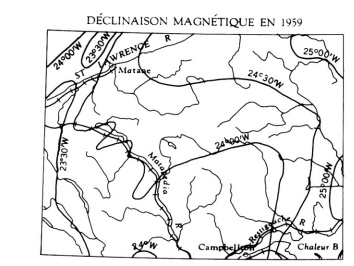
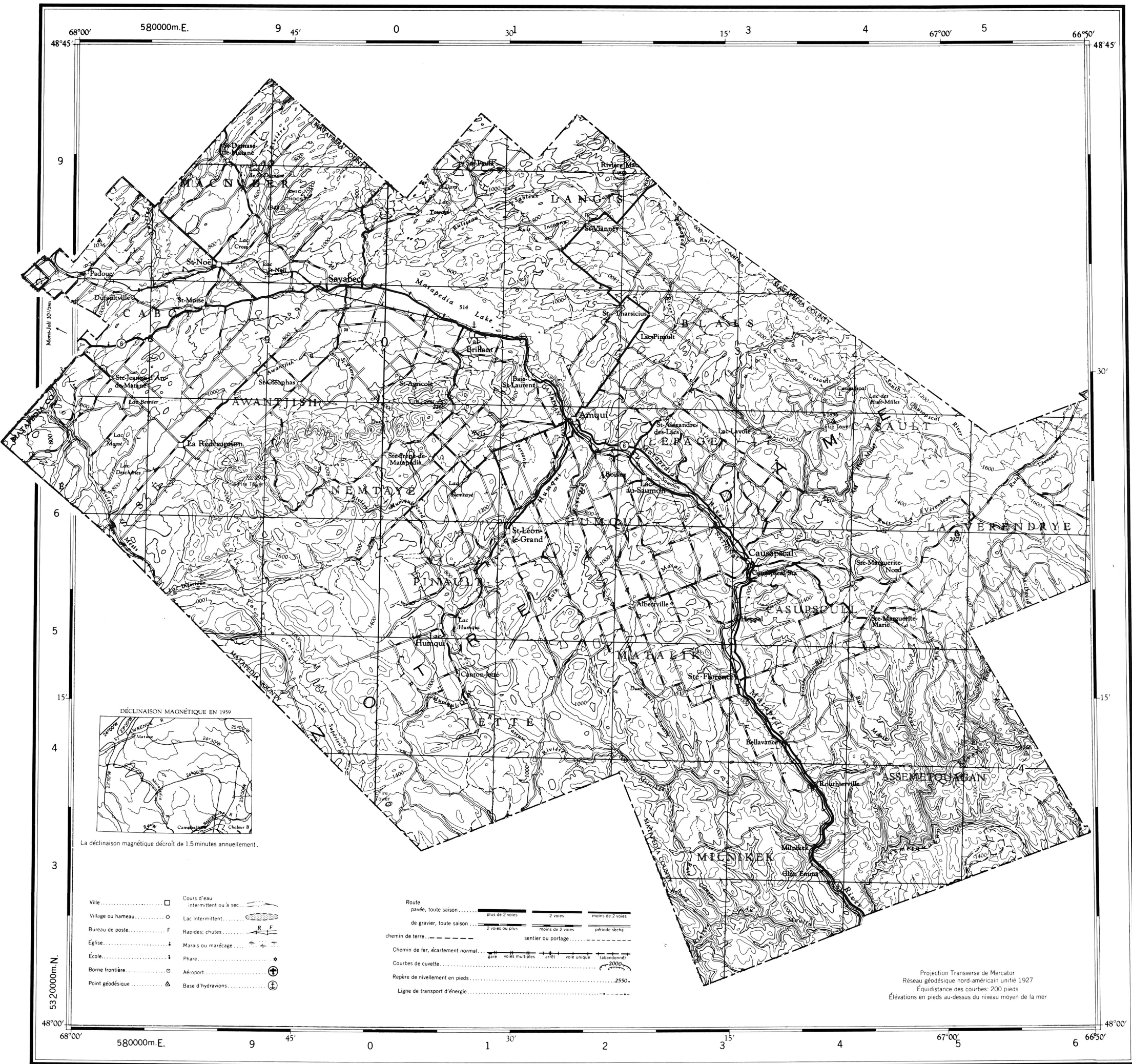
Aucune correction n'a été apportée pour compenser la  
variation régionale.

Échelle, 4 milles au pouce  $\frac{1}{253,440}$

Milles 4 2 0 4 8 12 Milles

Altitude du vol: 1000 pieds au-dessus du niveau du sol.

# PROJET MATAPÉDIA CARTE TOPOGRAPHIQUE du comté de Matapédia



La déclinaison magnétique décroît de 1.5 minutes annuellement.

- |                         |   |   |  |
|-------------------------|---|---|--|
| Ville .....             | □ | Cours d'eau intermittent ou à sec ..... |  |
| Village ou hameau ..... | ○ | Lac intermittent .....                  |  |
| Bureau de poste .....   | F | Rapides; chutes .....                   |  |
| Eglise .....            | + | Marais ou marécage .....                |  |
| École .....             | ⌵ | Aéroport .....                          |  |
| Borne frontière .....   | □ | Base d'hydravions .....                 |  |
| Point géodésique .....  | △ |   |  |

- |  |  |  |                  |                  |
|--|--|--|------------------|------------------|
| Route pavée, toute saison .....        |  | plus de 2 voies                                    | 2 voies          | moins de 2 voies |
| de gravier, toute saison .....         |  | 2 voies ou plus                                    | moins de 2 voies | période sèche    |
| chemin de terre .....                  |  | sentier ou portage .....                           |                  |                  |
| Chemin de fer, écartement normal ..... |  | gare voies multiples arrêt voie unique (abandonné) |                  |                  |
| Courbes de cuvette .....               |  | 2000   |                  |                  |
| Repère de nivellement en pieds .....   |  | 2550   |                  |                  |
| Ligne de transport d'énergie .....     |  |  |                  |                  |

Projection Transverse de Mercator  
Réseau géodésique nord-américain unifié 1927  
Équidistance des courbes: 200 pieds  
Élévations en pieds au-dessus du niveau moyen de la mer

Échelle 1:250,000

