

LEGEND

- 0101 SAMPLE NUMBER
- M ASSAYED FOR MAJOR ELEMENTS
- Tr ASSAYED FOR TRACE METALS
- D DUPLICATE
- RT-1 TRVERSE NUMBER
- TRVERSE DIRECTION
- ▬ RIVERS TRAVERSED
- ▨ POSSIBLE OUTCROP TO BE MAPPED
- ▬ ROADS MAPPED
- - - ROADS NOT MAPPED (POSSIBLY GRAVEL)
- W/D WASHOUT

REVISED 30 MAY 77 D.R.B.
 REVISED 15 JUL 77 D.R.B.
 REVISED 24 FEB 78 D.R.B.
 Ministère de l'Énergie et des Ressources
 Gouvernement du Québec
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MATTAGAMI LAKE MINES LTD.
 MATAGAMI - QUEBEC
 EXPLORATION DIVISION
 THEMINES PROJECT
 NORTH-EAST HALF
 PROGRESS MAP
 TRAVERSES COMPLETED 1978 & SAMPLE LOCATIONS
 GEOLOGY BY: D. SULLIVAN DRAWN R. KRUSE
 J. GADOURY
 SCALE: 2" = 1 mile
 DATE: SUMMER 1978 DATE: SEPTEMBER 1978



Group 'I' Ministère de l'Énergie et des Ressources
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MATTAGAMI LAKE MINES LTD.
 MATAGAMI QUEBEC
 EXPLORATION DIVISION
 THEMINES PROJECT
 SOUTH-WEST HALF
 PROGRESS MAP

GEOLOGY BY: D. SULLIVAN DRAWN: R. KRUSE
 SCALE: 2" = 1 mile
 DATE: SUMMER 1978 DATE: SEPTEMBER 1978

- GRVEL ROADS TRAVERSED
- - - POSSIBLE GRVEL ROADS NOT TRAVERSED
- - - ROADS ON ABIEK MAPS, QUALITY OF ROAD UNKNOWN (NO ACCESS OR NOT SEEN)
- - - KNOWN MUD ROADS
- W/O WASHOUT

AUGUST 1978
 AREA NOW BEING
 COVERED WITH
 GRAVEL

ROAD TO BE LOCATED
 BY FIELD CREWS.
 Group 'S'

GROUP 'U'
 MAPPED JULY 1978
 NO OUTCROP

GROUP 'Z'
 MAPPED AUGUST 1978
 NO OUTCROP

GROUP 'W'
 MAPPED AUGUST 1978
 NO OUTCROP

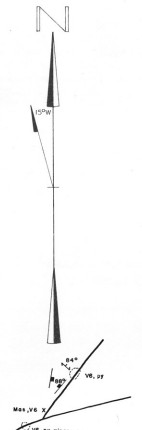
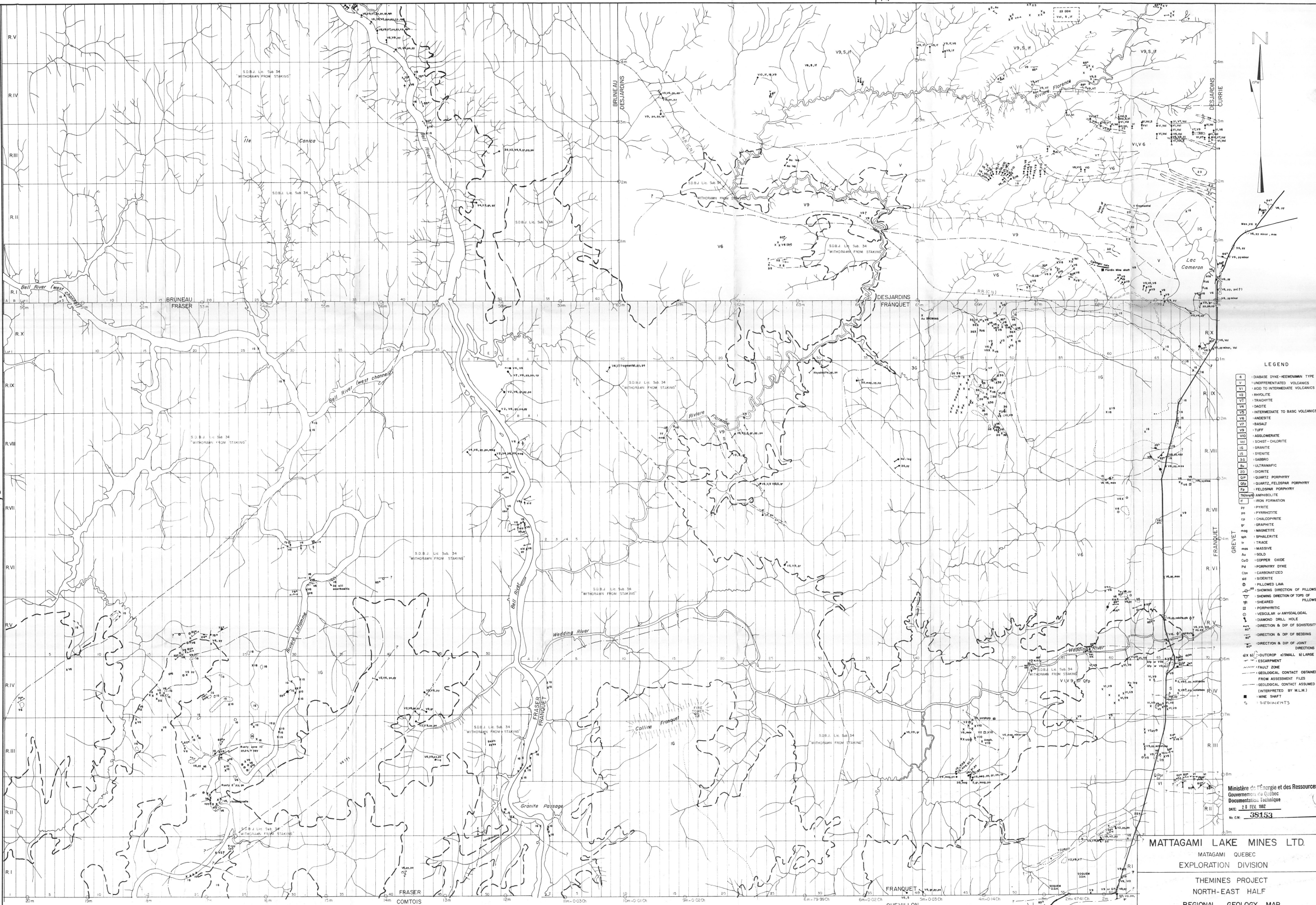
GROUP 'V'
 MAPPED JULY 1978
 NO OUTCROP

GROUP 'X'
 MAPPED JULY 1978
 NO OUTCROP

FONTENEAU
 BERNETZ

THEMINES
 HURAU

REVISED 24 FEB 78 D.R.S.
 REVISED 18 APR 78 D.R.S.



- LEGEND**
- A DIABASE DYKE - KEWENAWAN TYPE
 - V UNDIFFERENTIATED VOLCANICS
 - V1 AGO TO INTERMEDIATE VOLCANICS
 - V2 TRACHYTE
 - V3 DAGITE
 - V4 INTERMEDIATE TO BASIC VOLCANICS
 - V5 ANDESITE
 - V6 TUFF
 - V7 AGGLOMERATE
 - V8 SCHIST - CHLORITE
 - IG GRANITE
 - IS GNEISS
 - 3S GABBRO
 - Bu ULTRAMAFIC
 - 2D DIORITE
 - QP QUARTZ PORPHYRY
 - QF QUARTZ, FELDSPAR PORPHYRY
 - Fz FELDSPAR PORPHYRY
 - Am Amphibolite
 - Rm IRON FORMATION
 - P Pyrite
 - pp Pyrrhotite
 - cp Chalcopyrite
 - gr Graphite
 - mg Magnetite
 - sp Sphalerite
 - tr Trace
 - mas Massive
 - Au Gold
 - CoO Copper Oxide
 - Pd Porphyry Dyke
 - Cn Carbonized
 - id Idolite
 - FL FLOWED LAG
 - FL-AR SHOWING DIRECTION OF FLOW
 - FL-T SHOWING DIRECTION OF TOPS OF FLOW
 - FL-S SHEARED
 - IP IMPURE
 - CP PORPHYRIC
 - CA VESICULAR OR AMYGDALOIDAL
 - DM DIAMOND DRILL HOLE
 - DD DIRECTION & DIP OF SCHISTOSITY
 - BD DIRECTION & DIP OF BEDDING
 - BJ DIRECTION & DIP OF JOINT
 - DIR DIRECTIONS
 - oX oX OUTCROP oL LARGE
 - ES ESCARPMENT
 - FZ FAULT ZONE
 - GC GEOLOGICAL CONTACT OBTAINED FROM ASSESSMENT FILES
 - GA GEOLOGICAL CONTACT ASSUMED (INTERPRETED BY M.L.M.)
 - SH SHEET
 - S SEDIMENTS

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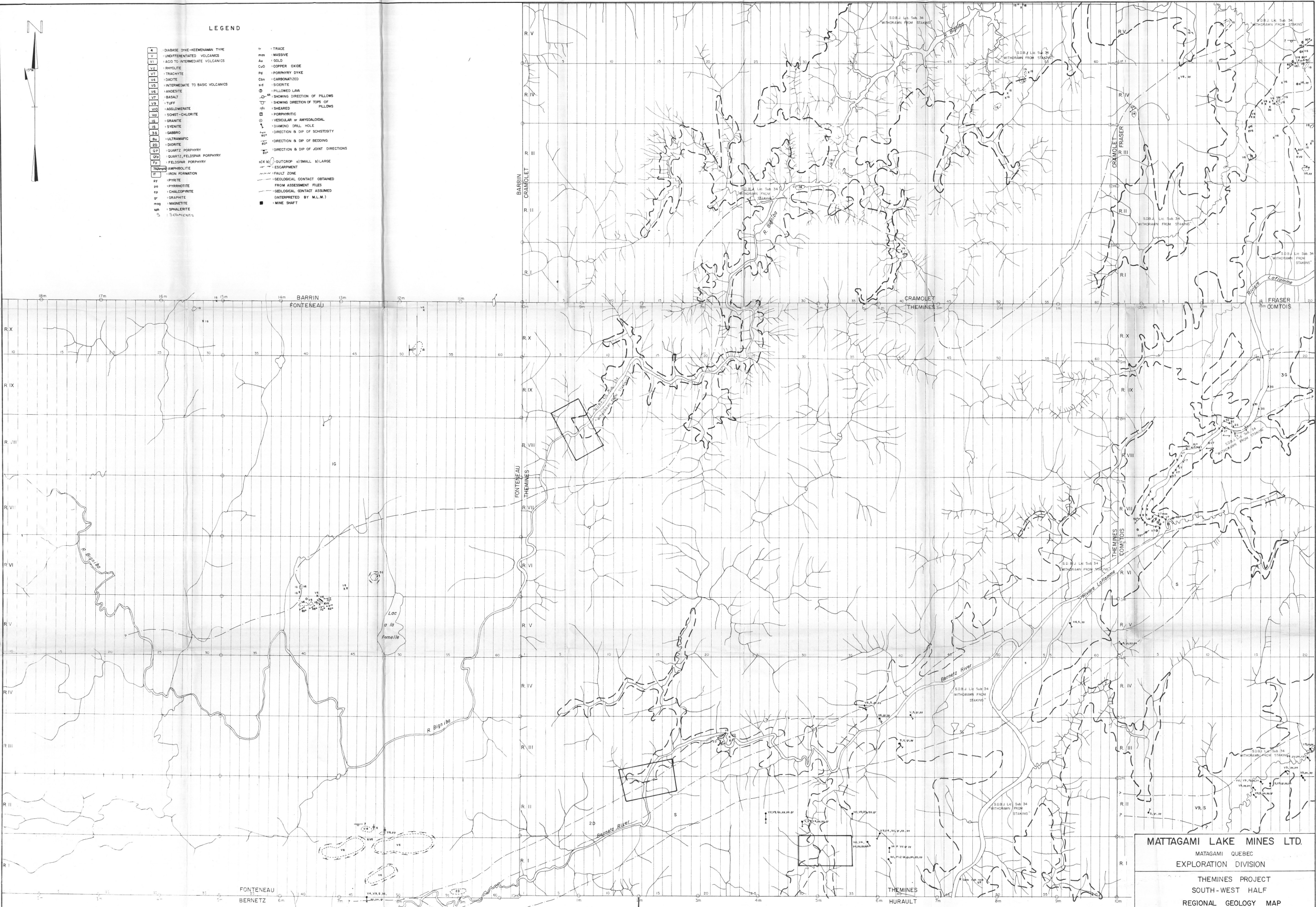
MATTAGAMI LAKE MINES LTD.
 MATTAGAMI QUEBEC
 EXPLORATION DIVISION
 THEMINES PROJECT
 NORTH-EAST HALF
 REGIONAL GEOLOGY MAP

GEOLOGY BY: D. SULLIVAN DRAWN: D.R. BULL.
 DATE: DECEMBER 1978 SCALE: 2" = 1 mile
 DATE: FEBRUARY 77



LEGEND

- 4 DIABASE DYKE-KEEWENAWAN TYPE
- V UNDIFFERENTIATED VOLCANICS
- V1 AGO TO INTERMEDIATE VOLCANICS
- V2 RHODOLITE
- V3 TRACHYTE
- V4 DACITE
- V5 INTERMEDIATE TO BASIC VOLCANICS
- VE ANDESITE
- V6 BASALT
- V7 TUFF
- V8 AGGLOMERATE
- V9 SCHIST-CHLORITE
- GA GRANITE
- SE SLENITE
- GB GABBRO
- BU ULTRAMAFIC
- DI DIORITE
- QP QUARTZ PORPHYRY
- QF QUARTZ FELDSPAR PORPHYRY
- F2 FELDSPAR PORPHYRY
- AM AMPHIBOLITE
- IF IRON FORMATION
- PI PYRITE
- PP PYRRHOTITE
- CP CHALCOPRITE
- GR GRAPHITE
- MD MAGNETITE
- MA SPHALERITE
- S SEDIMENTS
- tr TRACE
- ms MASSIVE
- AG GOLD
- CO COPPER OXIDE
- PD PORPHYRY DYKE
- CS CARBONATIZED
- SD SIDERITE
- PL PILLOWED LWA
- PLD SHOWING DIRECTION OF PILLOWS
- PLT SHOWING DIRECTION OF TOPS OF PILLOWS
- PS SHEARED PILLOWS
- PPH PORPHYRIC
- VA VESICULAR or ANHYDRODIAL
- DM DIAMOND DRILL HOLE
- SDS DIRECTION & DIP OF SCHISTOSITY
- BD DIRECTION & DIP OF BEDDING
- JD DIRECTION & DIP OF JOINT DIRECTIONS
- OX OUTCROP a) SMALL b) LARGE
- ES ESCARPMENT
- FZ FAULTED ZONE
- GC GEOLOGICAL CONTACT OBTAINED FROM ASSESSMENT FILES
- CA GEOLOGICAL CONTACT ASSUMED (INTERPRETED BY M.L.M.)
- MS MINE SHAFT



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GEOLOGY BY: D. SULLIVAN
 DATE: DECEMBER 1978
 DRAWN: D.R. BULL.
 SCALE: 2" = 1 mile
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