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THEORETICAL AND COMPUTER ASSISTED STUDIES IN
TECTONICS, STRUCTURAL GEOLOGY AND ISOTOPE DATING

by

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A Dissertation

Submitted to the State University of New York at Albany

in partial fulfillment of

the requirements for the degree of

Doctor of Philosophy

College of Science and Mathematics

Department of Geological Sciences

1980

FIGURE 34



Figure 34 Scenic shot of Lac aux Sables, located at the S on Figure 33.
Note the low amount of relief.

[Figure 33, the geological map of the area, is included in this file, after the pictures]

FIGURE 35



Figures 35, 36 Photos of the original mining area, just to the south of the town of Montauban-les-Mines, which is marked with an M on Figure 33.

[Richard Thiessen is the person in this photo]

FIGURE 36



Figures 35, 36 Photos of the original mining area, just to the south of the town of Montauban-les-Mines, which is marked with an M on Figure 33.

FIGURE 37



Figures 37, 38 Detailed photos of the ore zone itself. Lilac purple-colored minerals could be seen within the pit, particularly the boulder in the center of Figure 37 which is also at the lower left corner of Figure 38. Notice that these shots overlap. The pit is about thirty feet deep at this point.

FIGURE 38



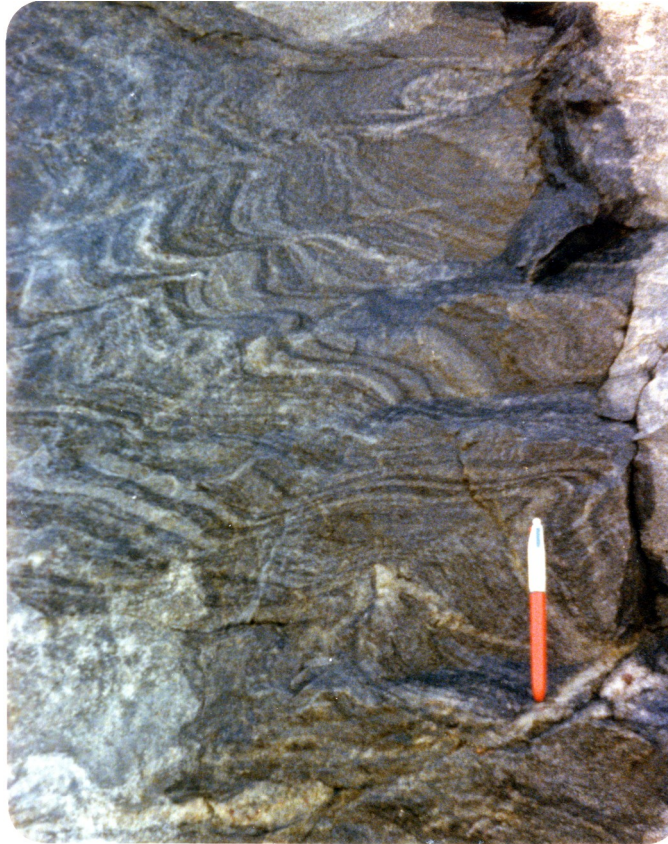
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FIGURE 40



Figures 40, 41 Small scale structures seen in outcrop at location X, on Figure 33. Several closed loops, indicating refolding, can be seen. Views are looking south.

FIGURE 41



Figures 40, 41 Small scale structures seen in outcrop at location X, on Figure 33. Several closed loops, indicating refolding, can be seen. Views are looking south.

FIGURE 33

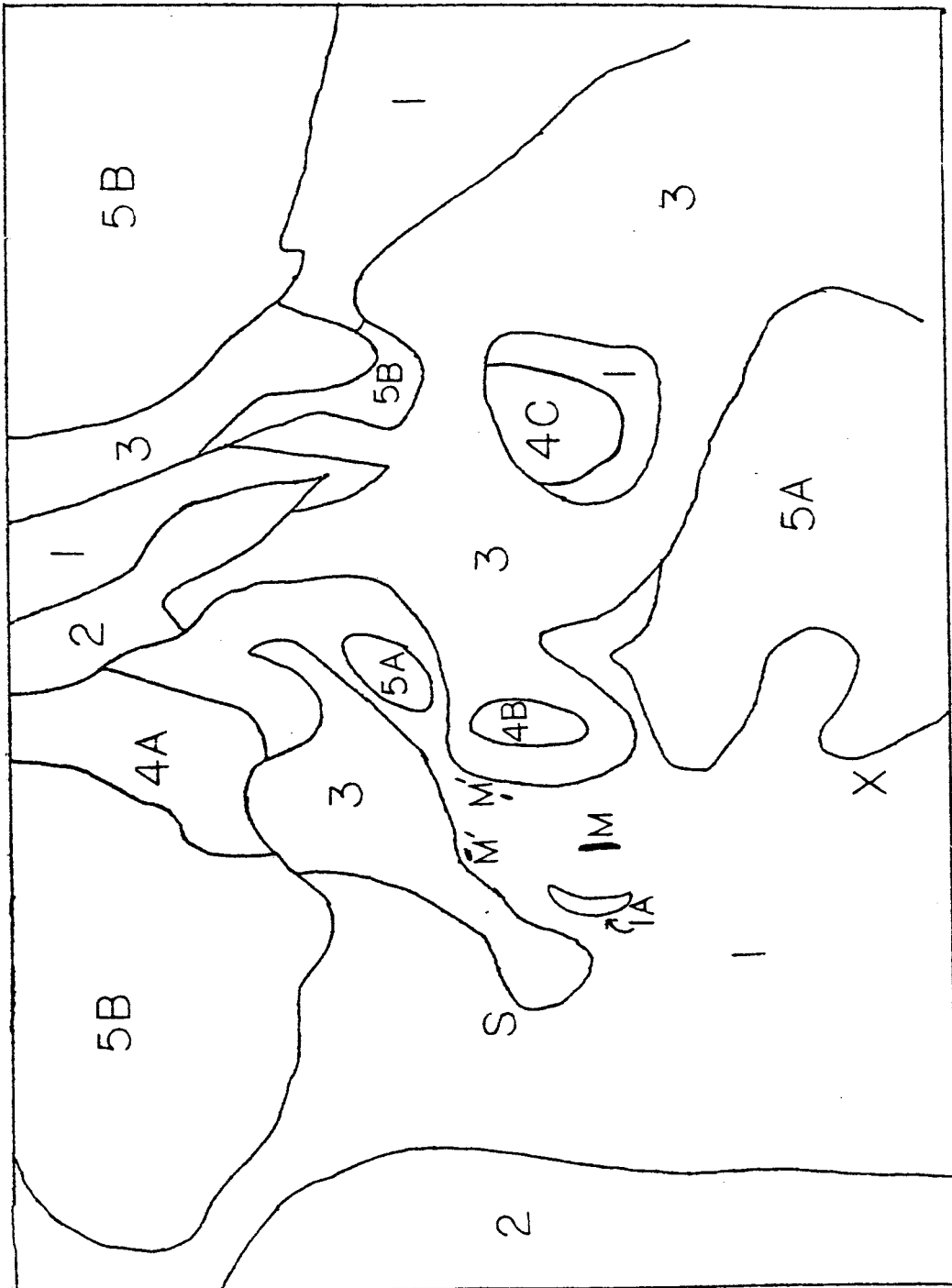


Figure 33 Generalized geological map of the Montauban-Colbert region of central Quebec after Pyke (1966). All of the units shown are Precambrian in age and include: (1) Grenville meta-sediments, (1A) meta-volcanics (pillows), (2) biotite and/or hornblende migmatite, (3) quartz diorite, (4A, C) diorite, (4B) gabbro, (5A) granitic sill, (5B) porphyritic hornblende granite batholith. Much of the area is obscured by unconsolidated sediments which are omitted from this diagram. M's indicate mineralized zones, S is the location of the scenic shot of Figure 34 and X is the locale for Figures 40 and 41. [North to the left; map approx. 25 km N-S width; point S about 46.869N, 72.390W]