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Berger, B.R., MacMillan, D. and Butler, G. 1989. Precambrian geology, Melgund Lake area, McAree Township; Ontario Geological Survey, Map 2528, scale 1:20 000.

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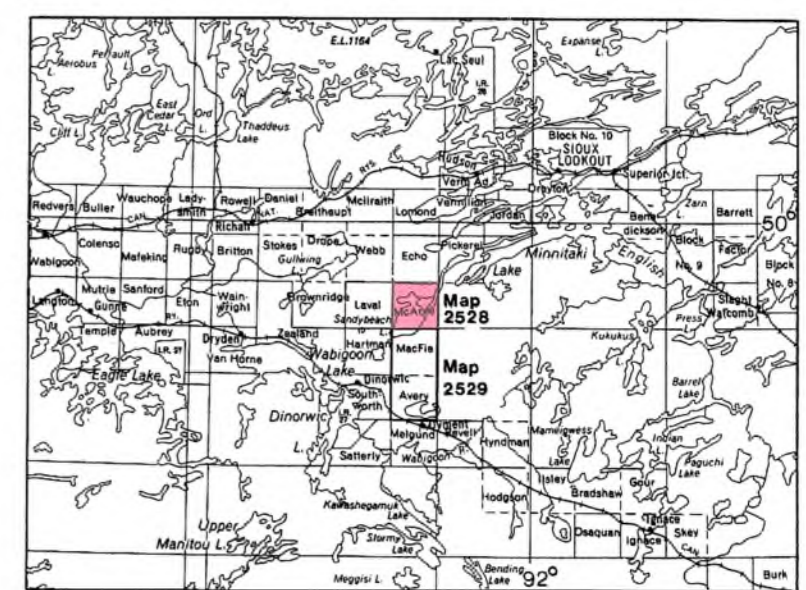
Ontario Geological Survey MAP 2528 PRECAMBRIAN GEOLOGY MELGUND LAKE AREA McAREE TOWNSHIP

Scale: 1:20 000

NTS Reference: 52 F16 ODM-GSC Aeromagnetic Map 11463 OGS Geological Compilation Map: 2443

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LOCATION MAP Scale: 1:1 584 000 or 1 inch to 25 miles

SYMBOLS section containing various symbols for geological features like bedrock outcrop, bedding, and faults.

SOURCES OF INFORMATION

Base maps from maps of the Forest Resources Inventory, Lands and Waters Group, Ontario Ministry of Natural Resources, with revisions by B.R. Berger. ODM-GSC Aeromagnetic Maps 11450, Dymont, Kenora District, scale 1:50 000; 11460, Sandybeach Lake, Kenora District, scale 1:50 000.

CREDITS

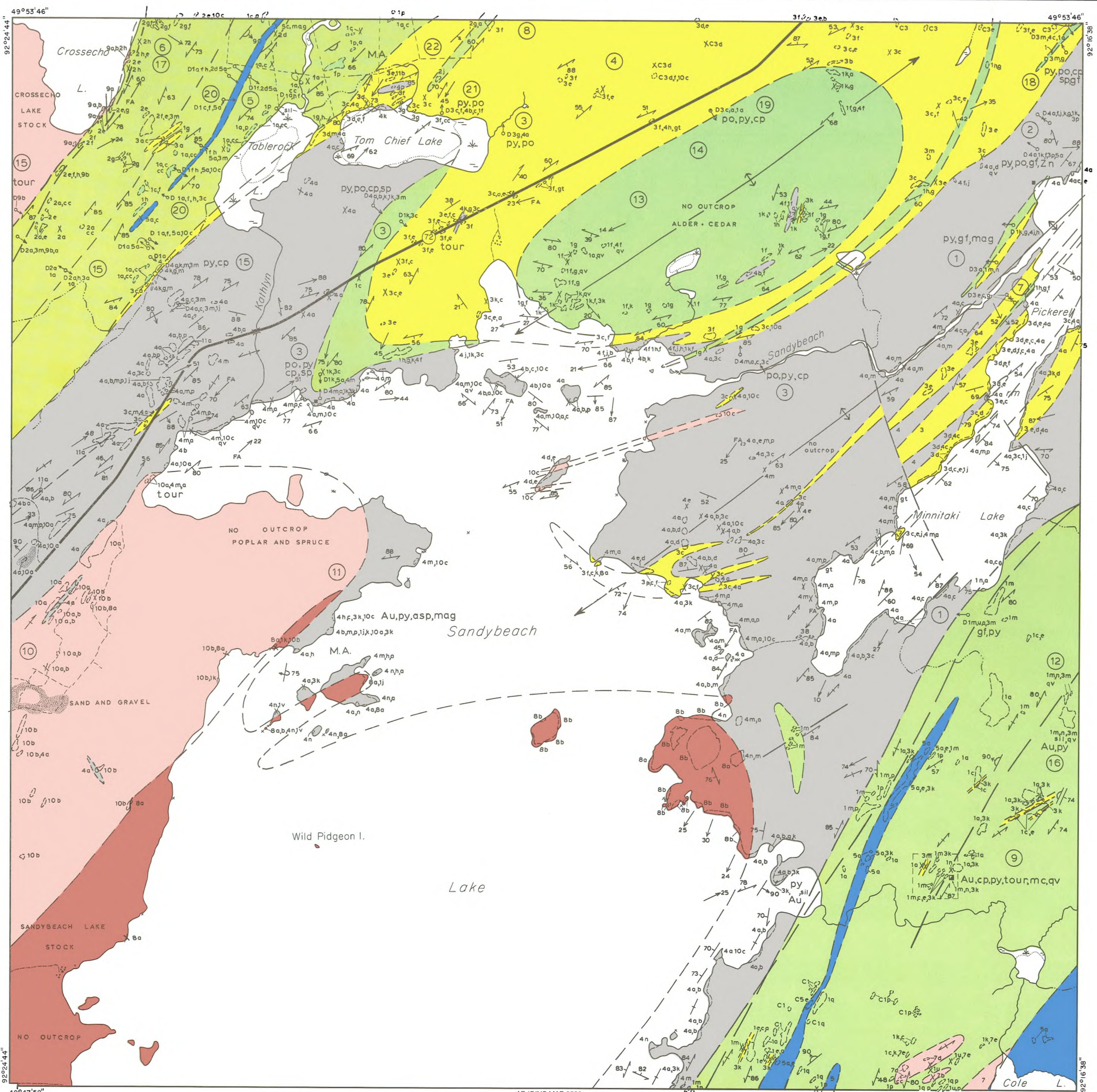
Geology by B.R. Berger, D. MacMillan, D. Butler and assistants, 1988. Cartography by B.L. Aikman, Publication and Cartographic Services, Ontario Geological Survey, 1989.

Every possible effort has been made to ensure the accuracy of the information presented on this map; however, the Ontario Ministry of Northern Development and Mines does not assume any liability for errors that may occur. Users may wish to verify critical information; sources include both the references listed here, and information on file at the Resident Geologist's office and the Mining Recorder's office nearest the map area.

This is one of a group of transitional state, computer-assisted cartographic publications. The appearance of subsequent maps may change as technological refinements and modified production procedures are implemented.

ABBREVIATIONS

Table listing abbreviations for mineral types: Ag (silver), Ar (arsenopyrite), Au (gold), Ch (chalcopyrite), Gr (graphite), Gt (garnet), Mag (magnetite), Mal (malachite), Py (pyrrhotite), Pyr (pyrite), Qtz (quartz vein), She (sheelite), Sp (sphalerite), Tour (tourmaline), Zn (zinc).



ADJOINS MAP 2529

PROPERTIES

- 1. Asarco Exploration Company of Canada Limited (1970)
2. Beth-Canada Mining Company (1979); now defunct
3. Canadian Nickel Company Limited (1970)
4. Consolidated Ansey Gold Mines Limited (1950); name changed to Ansey Mines Limited (1950), then to Bankeno Mines Limited (1955)
5. Conwest Exploration Company Limited (1950)
6. Frederick Mining and Development Limited (1950); name changed to Consolidated Frederick Mining Limited; defunct 1982
7. Geophysical Engineering Limited (1977); exploration arm of Teck Corporation Limited
8. Gold Mines Limited (1981); receivership in November 1986
9. Midas Mines Limited (1907); now defunct
10. Morton, C. (1969)
11. Noranda Company Company Limited (1985); Standon showing
12. Nova-Co Explorations Limited (1980)
13. Orlic Red Lake Mines Limited (1951); name changed to Abbian Mines Limited; defunct 1969
14. Pacemaker Petroleum Limited (1951); name changed to Pacemaker Mines and Oil Limited; defunct 1988
15. Porcupine Peninsular Gold Mines Limited (1950); name changed to Bunhurst Mines Limited (1953); incorporated into Hydra Explorations Limited
16. Roneya Explorations Limited (1947); now defunct
17. Selco Exploration Company Limited (1971); now Selco Incorporated
18. Subotro Minerals Limited (1981); now Novamin Resources Incorporated
19. Terouph Loos Mining Limited (1960, 1981, 1982)
20. Wilkinson, D. (1977)
21. Windfall Oil and Mines Limited (1970); name changed to Camreco Incorporated (1981)

LEGEND section containing detailed descriptions of geological units, metamorphic facies, and intrusions. Includes sections for Phanerozoic Cenozoic, Precambrian Late Archean, Early to Late Archean, and Mafic Metavolcanics.

NOTES: a. Felsic intrusions are separated on the basis of lithology, spatial separation, and style of deformation rather than rock stratigraphy; age relationships are not implied by the order of appearance in the legend. b. Rocks have no intermediate members, and hornblende phenocrysts and porphyroblasts are absent. c. The legend, symbols and abbreviations are for the combined townships of Melgund Lake Area, McAreé and Avery (Map 2529). Not all units may be found on this particular map sheet.