

Andre Lake

The Andre Lake area (NTS 231/12) is situated approximately 50 km southeast of Schefferville, Quebec...

- 1) Acquisition of ground units east of the Ashwinji River Shear Zone (Old Lake Fault of Wardle, 1982)...

As with the recently updated map of the nearby Mulligan Lake area (Butler, 2023), the stratigraphy presented in the legend borrows heavily from previous work in the region (Wardle, 1979, 1982)...

- 1) The age of the Beignec Lake Basement Complex (BLBC) is constrained by a U-Pb age of 2671±5 Ma for in situ zircon in a massive tonalite from the western edge of the complex...

Geology by J. P. Butler

Geological cartography by K. Morgan

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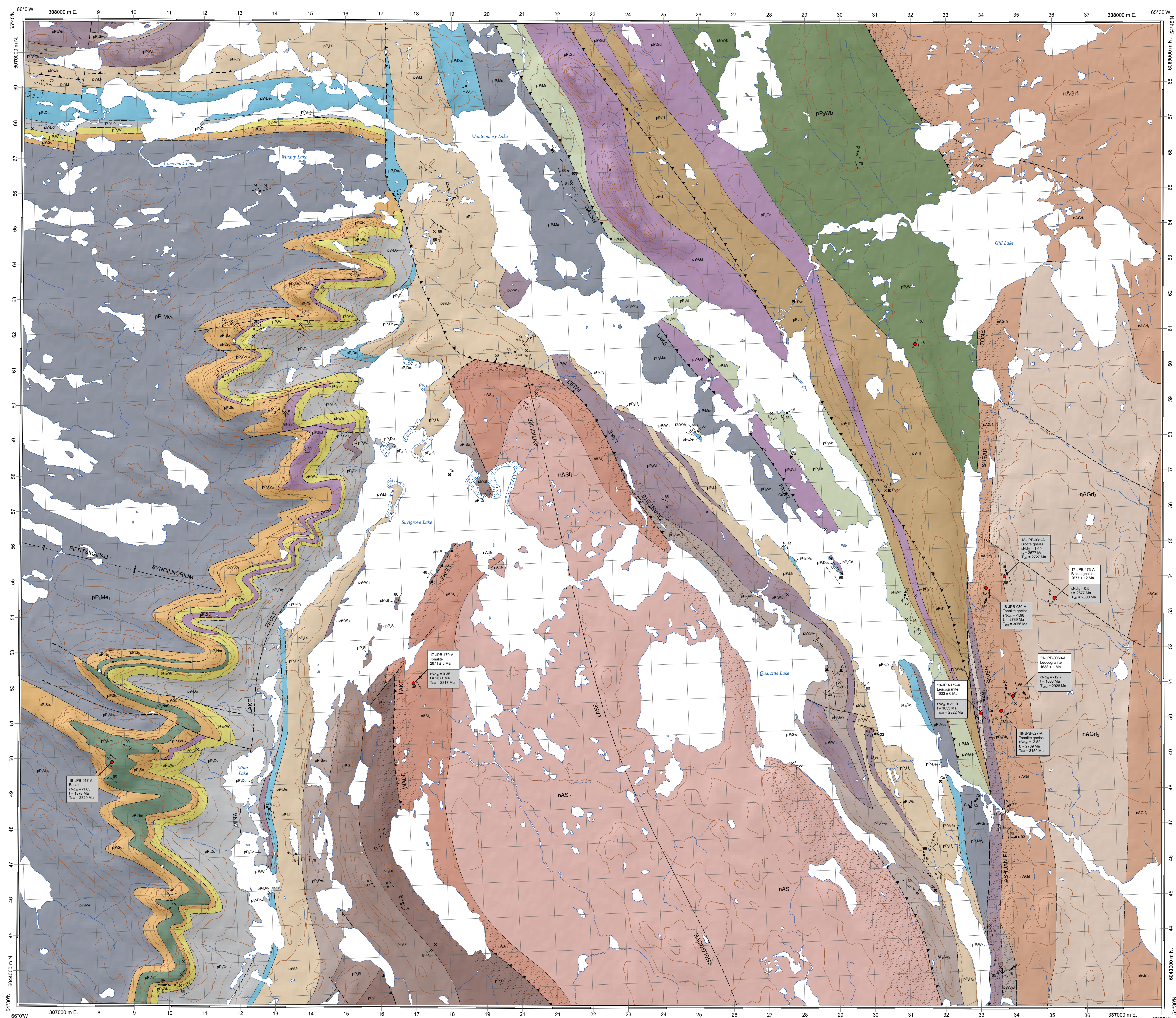
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The digital topographic database map NTS 231/12 used here is available from the Survey General Branch, Natural Resources, Canada.

Elevations are in metres above sea level. Contour interval is 50 m.

Copies of this map may be obtained from the Department of Industry, Energy and Technology, Government of Newfoundland and Labrador, P.O. Box 8700, St. John's, NL, Canada, A3B 8X6.

References Blouin, C. and Caron-Dum, E. 2016. Géologie de la région de la mine Amal, provinces du Québec (Mines) et de Chaudière (Forêt de Labrador), secteur de Kangriak, Nunavik, Québec, Canada...



LEGEND

KANIAPISKAU SUPERGROUP

PALEOPROTEROZOIC INTRUSIVE ROCKS

- Oreorian Gabbro Intrusive Suite (PAGI) Gabbro and diabase. Fine to medium grained, with (sub)ophitic textures...

PALEOPROTEROZOIC SEDIMENTARY AND VOLCANIC ROCKS

- Oreorian to Statherian Ferrikan Group (east of Wash Lake Fault) (FAGF) Blue-grey silt and silstone, black shale...

Rhyolite

- Altkanagen Group (AAG) (Daly Formation) Grey shale and siltstone. Locally calcareous. Laminated to thin bedded...

Archean to Paleoproterozoic Basement Rocks

- Archean Paleoproterozoic (rAS) Monzogranite to syenogranite. Moderately foliated and augen textured, to mylonitic...

NEOARCHAEN

- NEOARCHAEN (nAS) Granodiorite to tonalite gneiss. Stongly foliated with transposed mylonitic layering...

SYMBOLS

- Bedding, measured, younging known (inclined) (Symbol) Gosan (Symbol) Geochronology (Sm-Nd isotopic sample) (Symbol) Fault hinge, measured (fold, culmination, minor S, minor U) (Symbol) Sample Number (Symbol) Fault (motion undefined, approximate) (Symbol) Station (Symbol) Thrust fault (approximate) (Symbol) Shear zone (Symbol) Artistic, syncline (approximate) (Symbol) Mineral Occurrence (Symbol)

Mineral Occurrences (NTS 231/12) table with columns: Mineral Occurrence, Locality, Name, Commodity, Status. Lists various mineral occurrences in the area.

Note: Mineral occurrences table is a subset of the database (it excludes all iron (Fe) occurrences).



Map 2024-01 BEDROCK GEOLOGY OF THE ANDRE LAKE AREA (NTS 231/12) OPEN FILE 023/12/0105

