Bedrock Geologic Map of the Gafvert Lake Area, St. Louis County, Northeastern Minnesota

Mark Baumgardner\(^1\), Nathan Brown\(^2\), Matt Grotte\(^3\), Alan Jacobson\(^4\), Jamie Kendall\(^5\), Claire Ostwald\(^6\), Nathan Schnier\(^7\), Justin White\(^8\), Dean Peterson\(^9\)

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This project was carried out under the sponsorship of Dean Peterson, Vice President of Exploration at Duluth Metals with the goal of creating a high-resolution bedrock map of the Gafvert Lake area. The area was first mapped in 2000 by the Minnesota Geological Survey (Debowski et al., 2000)

Mapping was carried out over several days by eight students for the 2014 Precambrian Field Camp. The map unit interpretation was verified using a digital elevation model (DEM) of the area. Outcrop mapping was performed as well as a high-resolution magnetic survey in the area offshore Grand Marais Bay.

Explanatory Notes

The author prepared a set of compiled text for each map unit, which included abbreviated descriptions of rock units, geologic cross sections, and a detailed geologic cross section of the Gafvert Lake area. This information was then placed into a table format, which included a legend and a list of references.

References


