

**CARIS GIS, a mineral exploration information system (MEIS) geocompilation project
for the Big Bald Mountain region, NTS sheet 21/01 New Brunswick**

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Geological maps and Provincial Mineral assessment data are currently being converted into CARIS (Computer Aided Resource Information System) digital format by the New Brunswick Department of Natural Resources, Mines Division. To Date about 1/4 to 1/3 of the data for the province is available at 1:10,000 and 1:20,000 scale map.

A joint project between members of Universal System Limited, the GIS Laboratory of the Department of Geology at UNB, and the Department of Natural Resources, Mines Division, is currently in process compiling all public available geological data for NTS maps sheets 21/01, Big Bald Mountain Region of New Brunswick. The source data in-

cludes all current assessment information on file from the Department of Natural Resources, Mines Division, all available geophysical data from the Geological Survey of Canada, specifically both the Geophysical Division, and the Gamma Ray Division, and all open files from Provincial/Federal funded mapping projects from the Department of Natural Resources.

The CARIS MEIS (Mineral Exploration Information System) is a GIS tool that allows the user to manage, integrate and analyze various types of stored Earth Science data to assist the geologist in the decision-making process for future exploration programs. A cross section of data and data integration will be given in this presentation.