

### **New draft 1:50 000 digital maps of the Cobequid Highlands**

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We present draft copies of new 1:50 000 maps of the Cobequid Highlands of Nova Scotia, for criticism and correction. These maps show the distribution of pre-Windsor rocks. They result from mapping by ourselves and our students over the past 13 years, and build on the maps of Donohoe and Wallace. The maps are supported by a fieldlog data base with over 15000 station entries, including the sample stations of Murphy and others.

Most of the new scientific findings arising from the mapping have been published already. Highlights include: the wide distribution of the Jeffers Group in the western and central

Cobequids; the complexity of distribution of igneous phases in latest Devonian plutons, generally in east-west striking sheets; interpretation of the Salmon River pluton as largely Neoproterozoic; the reinterpretation of the Great Village River gneiss as a tectonic complex of other Neoproterozoic units; recognition of significant early Carboniferous thrusting in the northeastern Cobequids; the importance of east-west faults in the north central Cobequids; clarification of the different developments of the Fountain Lake Group; and re-interpretation of the relationship of the Horton Group to igneous activity.