

**The Weekend Dykes: A Newly-Recognized Dyke Swarm Cutting the Meguma Metasediments
on the Eastern Shore of Nova Scotia**

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A significant series of mafic dykes has been newly-recognized along the Eastern Shore of Nova Scotia from Halifax to Country Harbour. These dykes have appeared on individually published and unpublished maps over a period of 90 years, but have been largely ignored in favour of the Meguma metasediments and their entrained gold deposits; they have not been previously recognized as comprising a related series of dykes.

The generally vertical "Weekend Dykes" strike about 330° and show an abundance of hydrous mafic minerals, carbonate

and apatite indicating an origin in an alkaline magma. They post-date the folding of the Meguma Group as well as the gold mineralization. They pre-date Carboniferous faulting in the Meguma. Abundant xenoliths of gneissic and probable pre-Meguma Group rocks are found in half the known dykes and these will be important to ascertaining the nature and age of the Meguma Terrane basement.

A platinum mineral occurrence appears to have been associated with one of the Weekend Dykes.