North American Datum of 1927
science far a changing world

Hartland Dam spillway contains mantle xenoliths of lherzolite, dunite,

POST-METAMORPHIC INTRUSIVE ROCKS

PRE-METAMORPHIC ROCKS

Chestnut Hill, the mélange contains clasts of the Clough Quartzite schist member (greenschist)

headwaters of Fulling Brook in Hartland at an approximate elevation of 10 percent chlorite and plagioclase, and accessory biotite and garnet biotite zone. The limestones contain trace to 5 percent muscovite, 20

Fitch Formation (Lower Devonian and upper Silurian)
dark-gray to light-gray weathering, massive, calcite-biotite-chlorite-
micaceous or feldspathic quartzite. Typical exposures occur at Willard

DESCRIPTION OF MAP DATA

EXPLANATION OF MAP FORMS


green = rock units, pink = rock units, purple = rock units, blue = rock units, black = rock units, yellow = rock units, gray = rock units, red = rock units, white = rock units, brown = rock units, orange = rock units, green = rock units, pink = rock units, purple = rock units, blue = rock units, black = rock units, yellow = rock units, gray = rock units, red = rock units, white = rock units, brown = rock units, orange = rock units

Garnet
Biotite
Muscovite
Quartz
Feldspar
Calcite
Pyrite
Gypsum
Marble
Limestone
Sandstone
Shale
Claystone
Marlstone
Siltstone
Coal
Glacial drift

dot and long dashed = strike and dip of dioritic dike or sill

dotted = lineament

dashed = faults

dot-dashed = foliation of gneiss
dot-dashed = foliation of schist
dotted and long dashed = foliation of gneiss
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Bearing and plunge of F 2 minor fold axis
Inclined
Vertical
Synform
Antiform
Strike and dip of dioritic dike or sill (%)

Jenneville
Lake Memphremagog
Orfordville anticlinorium on this map occupy the western part of the broader BHA. In

-Associated

-Related

-Ammonoosuc Volcanics (Ordovician)

discontinuously near the contact with the Lebanon quartz diorite. The

undifferentiated

-Ammonoosuc Volcanics

foliation-parallel lit-par-lit dikes or sills in the Ammonoosuc Volcanics.

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Figure 1. Example graphic or diagram from the document.