Dolomite marble: white, medium- to coarse-grained; contains irregular quartzofeldspathic layers; essential constituents biotite, hornblende, feldspar and quartz.

Migmatite: melanocratic, fine- to medium-grained; irregularly banded to non-banded, sheared folds locally simulate crossbedding; average quartz content about 80%, biotite most common accessory. 131 meter thickness

Dominantly corundum granofels to schist (Ehlig's "plagioclase rock") with minor sillimanite-biotite schist locally present near base, scattered beds of quartzite and some marble.

Melanocratic gneiss: conspicuously banded with dark gray layers a fraction of an inch to several inches thick alternating with whitish gray layers mostly less than an inch thick; generally foliation-parallel small-scale folding; tight to isoclinal; schistosity generally well-developed; thin irregular aplite bodies common; average composition about 55% feldspar, 35% quartz and 10% hornblende; biotite locally present; scattered euhedra of sphene usually visible in hand specimen.

Quartzite, meta-arkose and biotite gneiss with minor calc-silicates and marble; overlies intrusive quartz diorite in vicinity of Barrett-Stoddard Road with abundant hematite and some azurite; garnets as much as 5 cm. in diameter; small pods of bedded calc-silicate rock locally isolated in quartzofeldspathic gneiss.

Member 3: Upper portion dominantly melanocratic biotite gneiss with some laminated calc-silicate rock interbedded near top; grades provided at approximately 100 feet of biotite gneiss and calc-silicate rock near top; at 300 feet, garnets are highly altered and scattered near base. 1658 meter thickness

Forsterite dominant calc-silicate mineral. Laminated calc-silicate rocks and a variety of plagioclase, quartz, amphibole, corundum, anthophyllite schist, quartzite and marble; mostly gneiss east of Ontario Ridge; schist dominant west of Ontario Ridge; some Dominantly corundum granofels to schist

Quick Reference Legend

Biotite gneiss to schist or migmatite
Calc-silicate gneiss

Quartzite
Meta-arkose, meta-lithic arkose, or meta-lithic arenite

Dolomitic and/or calcic marble

Cornudat granofels to schist

Hornfels

Sample number and relative location

Wording used is edited and adapted from Ehlig (1958).

Member 7: Quartzfeldspathic biotite gneisses, graphite-sillimanite-biotite schist and minor interbeds and pockets of quartzite and marble west of Ontario Ridge; schist dominant west of Ontario Ridge; some significant outcrops of marble on Ontario Ridge and some quartzite and marble on the west flank, 1701 meter thickness

Member 6: Thin-bedded sequence of quartzite layers with cyclically interbedded hemiellips and schist; some hydrothermally altered metaandesite including meta-arkose, meta-lithic arkose and meta-lithic arenite around Barrett-Stoddard Road with abundant hematite and some azurite; garnets as much as 5 cm. in diameter; small pods of bedded calc-silicate rock locally isolated in quartzofeldspathic gneiss.