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alteration was so intensive that none of the original minerals are thought to have survived; however, the present fabrics are believed to have been inherited, to a large extent, from the primary rocks. Also, the present composition in some measure reflects the original composition.

Thus, in fairly speculative terms, the original rocks could well have been in the nature of finely-banded or laminated ferruginous cherts, quite possibly intercalated with argillites and carbonate rocks. The dominant feature of all the samples is the presence of magnetite bands, and in some these are very thin, and are intricately folded on a fine scale akin to colloform-banding and crustification. These distinctive magnetite bands are thought to represent original ferruginous layers, to account for their present structure. The only other explanation is that the banding represents some type of rhythmic, metasomatic deposition, perhaps coupled with highly selective replacement processes; this seems far-fetched at this stage, though field observations would have an important bearing on the interpretation.

An interesting feature is the similarity between these rocks and the Mt. Garnet material, in fabric, and broadly in composition. Cuspidine was not detected.

(b) Descriptions

M3 The major rock type, represented by the chips in four thin sections, is a finely-banded magnetite-fluorite rock, with varying amounts of other minerals. The banding is often very fine, and is intricately folded, even forming closed structures (depending on direction of sectioning). The distances between similar bands (say magnetite) are often as little as 0.1 - 0.3mm, and thus the bands themselves are very thin. This in turn means that the constituents are mostly very fine-grained, except where lenses and patches of more coarsely-granular material have formed, fairly haphazardly.

The magnetite-fluorite rock generally contains diopside, ferrohastingsite, green biotite and feldspar (some of this is a later addition, see below). Subordinate rock types include medium-grained ferrohastingsite-fluorite-garnet-magnetite intergrowths, with and without andesine. Rocks with diopside, and with minor wollastonite, are also present. Garnet is generally a markedly anisotropic andradite-grossularite variety.

Adularia is common in some fragments and is believed to be a late-stage, second metasomatic phase replacing some earlier-formed