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boulders in a three-foot stratum of analcite breccia. The rin which the boulders are embedded (field specimen composed of about 40 per cent bright flesh red analcite in it trahedral crystals up to an inch in diameter, usually fully regular in their crystal form, though often broken. crystals are worn nearly to a spherical shape, doubtless by action. These analcites are embedded in a fine-grained green matrix containing also a number of small dodecal melanite crystals. This tufaceous rock has probably a milar composition to the magma from which it was de which magma is represented by the primary rock fragmow to be described.

Blairmorite, variety A, consists of bright flesh red persysts of analcite up to an inch in diameter, evenly district throughout a dark olive green matrix, phenocrysts and meach forming half the volume of the rock. Rarely a light phenocryst of glassy sanidine is to be observed, and occas small melanites are present.

The red analcite greatly resembles garnet in the specimen, and can be distinguished from that mineral only difficulty without microscopic or chemical tests.

In thin section the rock is seen to be composed of p crysts of analcite in a finely crystalline groundmass cons of a second generation of analcite, ægirite-augite, nepl sanidine, and melanite, which are in turn embedded in a resolvable matrix, which may be incipiently crystallized anaægirite-augite, etc. Calcite, and perhaps chlorite are the secondary minerals noted.

The large analcite phenocrysts are faintly pink, h geneous, and quite isotropic. Cubic cleavage is well develous and faint, dust-like inclusions are seen along cleavage or Narrow rims of clear analcite border most of the phenocrand this feature is described later under Variety B. Alter of these large phenocrysts is frequent, and consists of a rement by calcite, this replacement starting along clear cracks and continuing until in some instances the winneral is replaced.