

Green amygdaloid vein.....	19 feet.
Trap	98 "
Albany and Boston vein.....	7 "
Trap	45 "
Epidote or Mesnard vein.....	23 "
Trap	20 "
Fluckan	1 "
Conglomerate	31 "
Sandstone	6 "

506 feet.

The general strike of these strata is N. 38° E. and the dip 55° northwestward. The two beds above denominated as the Green amygdaloid vein and the Mesnard vein are also found on the Quincy property, where the first named bears a general resemblance to the rock of the Pewabic lode. The matrix is perhaps darker coloured, and contains grains and crystals of feldspar as well as amygdules of green-earth and calcspar, the latter containing copper in fine grains. The rock of the Mesnard vein is dark brown, with a bluish tint. The minerals of the amygdules are principally green-earth, quartz and metallic copper. This bed is also called the Epidote vein but the green-earth has probably been mistaken for epidote.

The trap which overlies the conglomerate in the Albany and Boston Mine is a fine grained mixture of dark green delessite, (in grains less distinctly isolated than in the rocks already described) greenish-grey feldspar, and reddish-brown mica, some of the laminae of the latter shewing ruby-red reflections. Its sp. gr. is 2.81, and the smallest trace only of its powder is attracted by the magnet. The colour of the powder is greenish-grey, which changes on ignition to brown, a loss of 4.19 being sustained. Nitric acid dissolves from it 24.52 p. c., which consist of

Alumina	5.96
Peroxide of iron.....	14.78
Lime.....	3.41
Magnesia.....	0.37

These figures agree pretty closely with the quantities of bases dissolved from the rocks already described, but the quantities of lime and magnesia are a little smaller. The residue consists of a dark coloured, heavier, and a reddish-white coloured lighter part, the latter about twice as large in quantity as the former. The