

"A cross-section of the hill is given in Fig. 1. The bed marked No. 1 shows an exposure of about 25 feet thickness with frequent copper-stain in the amygdules—(Specimen 139). Red bands of a much altered rock with copper carbonate stain occur in the bed, which in places show cleavage like stratification. In bed No. 2 the rock, where exposed, has been very much altered in some places to epidote and a crumbling mass of light-coloured rock, in which nearly all the amygdules contain copper carbonate—(Specimen 140). Native copper in the form of chips and flakes is fairly abundant in this altered rock. In some instances a small un-oxidized chip of native copper can be observed enveloped in copper carbonate. Small fractures contain chalcocite. As far as the bed is exposed it shows a depth of about 26 feet. Above this amygdaloid lie three conglomerate beds. Of these the two marked No. 5 and No. 7 show a thickness of 10 to 15 feet and contain some native copper in the amygdaloid pebbles. The bed marked No. 6 shows an exposure indicating a depth of 4 feet. The two amygdaloid beds marked No. 3 and No. 4, lying higher up both show frequent copperstain, but no native copper was observed in them.

"At Glance Creek about a mile from its mouth, occur what appears like a breccia but probably is the filling of a crack. It consists of altered basic rock cemented together with quartz calcite and chalcocite. It outcrops irregularly in the bottom of the creek and on the east bank of the Creek, where in places the adjoining rock looks like sandstone, stained with copper carbonate. No native copper was found here except as tiny shots in the hard basalt a few hundred paces to the east—(Specimen 149). Similarly at the mouth of Stony Creek the hard basalt shows native copper—(Specimen 148). Here the amygdaloid phase of the flow has been eroded away and is covered by drift where it dips under the mountain. Only in places the intermediary part, showing scant development of amygdules remains."

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Among the specimens brought back by Dr. Sandberg were some small weathered pieces of native copper picked up on the surface; but as this section of the copper-bearing rocks has been