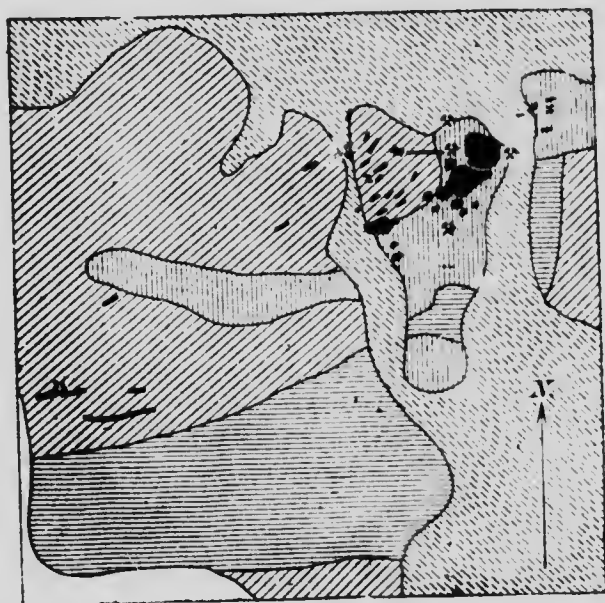







length of 420 meters at intervals of one and one-half metres, show, according to the data of Mr. Robbins, superintendent of the mine, an average of 212 marks per ton.||

Similar explorations of the 60-meter level, where no great length has been opened up, have given results equally satisfactory. The gold occurs in the form of



**Fig. 5.—Geological Sketch of the Dome Mine**

-  Quaternary—mostly glacial sediments,
-  Huronian and Keewatin—Lower Huronian Conglomerates and Schists,
-  Quartz Porphyry—mostly metamorphosed,
-  Greenstone—Amygdaloidal Basalts,
-  Quartz Veins and the Great Dome.

native gold, or in combination with sulphides. It is distributed throughout the whole body of the vein and does not show so rich in spots as in the case of many other mines. The country rock also carries high values which are greatest in the immediate vicinity of the quartz of the vein mass and stringers. As the

The other veins appear to be considerably leaner. They carry, however, according to preliminary investigations, frequently from 40 to 80 marks per ton. (1 mark = 24 cents).