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Part D--Special Report by
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PF 082ESE110

Maple Leaf: This old claim is owned by William Kelsall of Vancouver. It is on Pass creek about 1,500 feet east of the Rock Candy Mines road, 4 miles from the main road on Granby river. The claim is between 600 and 700 feet 213m in elevation above the road on a rocky hillside some 200 feet below the rounded ridge. The rocks are to a large extent intrusive and in part are metamorphic; considerable detailed study would be needed to work out the local geology. Intrusive rocks are dioritic and porphyritic and the older rocks are probably strongly altered sediments. A quartz vein is traceable for nearly 1,000 feet north-south along the hillside; it passes under talus on the north and fades out into stringers on the south. The dip is steep to the east and the width apparently varies between 4 and 7 feet.

An adit, driven 45 feet due east to crosscut the vein, shows at the face 7 feet of quartz of irregular attitude. A small shaft is sunk on the vein about 100 feet north-east of the adit portal. A second shaft, 275 feet to the north, is 25 feet deep. In these workings 6 to 7 feet of white to glassy quartz contains pyrite in granular masses and inter-crystal films, in addition to which there is a little arsenopyrite. Some small pockets of black powdery magnetite occur in the adit and upper shaft.

Values in platinum had been reported from these workings, and the writer consequently took 6 samples and had each assayed for platinum as well as for gold and silver. Three samples from the upper shaft, one from the lower shaft and two from the adit were taken as representative of the better mineralized quartz and also of the magnetite-bearing pockets. One sample returned: Gold, 0.02 oz. per ton; silver, 0.8 oz. per ton, and the other five samples returned each a trace in gold and trace to 0.4 oz. silver per ton. Each sample returned nil in platinum.

E. J.