

lotte, the open cuttings are several feet in good solid ore, several tons of which would average \$30 per ton in copper and gold are lying around these trenches. A tunnel which is driven on the Charlotte, for about 120 ft., is still some 40 to 50 ft. from the lead, but has tapped considerable bodies of low grade ore, one vein being 4 ft. in width, and another one being 7 ft. in width. With further development this property will undoubtedly make a large and profitable copper-gold mine. South of here, and particularly around Jacko Lake, some good veins of ore are being uncovered and worked on. The copper ore of this section of the camp, carries more gold and silver than the western section. The country is of a more solid nature, and many of the veins can be traced for a considerable distance by the well-defined contact of syenite and the diorite, the veinstuff or filling being olivene.

An interesting and important discovery has been made and investigated during the last six weeks, on the low hills at the foot of Coal Hill, and only two miles from town. The discovery was of a large massive dyke of 'phorphyritic diorite, which composes these hills, and carries a considerable amount of native copper in granular form, and some copper glance. A large number of cuttings and two large openings were made, and in every case the apparently solid rock was overlying a loose shattered formation. A shaft is being sunk, and the more solid rock was reached at 15 ft., showing several stringers of the finest copper glance, which yielded in assay, gold 2 dwts, silver 5 ozs, copper 55.1 per cent., giving a total

value in all of \$126 per ton. A winze is being erected, and more work is to be done in this shaft, as well as surface work in other parts of the property. There are five claims located on this lead, the personnel of the company being J. Redman, C. Outhett, A. Fowler, E. Carter, J. Dillon, and P. Lyons. The Pothook is now the banner property of the camp. The method of development is of the most modern pattern, drifts and cross-cuts are steadily blocking out ore in the 150 ft. and 250 ft. levels, and the double compartment shaft is being pushed down still further, 30 men are now employed, and arrangements for the erection of concentrating works are under careful consideration.

Float.

ASSAYERS' EXAMS.

First Held Under Last Session's Amendment to Bureau of Mines Act.

The first examination of candidates to act as assayers, as provided for under the act to amend the Bureau of Mines act, passed at the last session of the legislature, was held last month at the Bureau of Mines. The examiners were Mr. Robertson, provincial mineralogist, chairman; Mr. Carmichael, provincial assayer, secretary-treasurer, and Mr. W. Pellet-Harvey. The examination covered the following subjects:

(a). Sampling—

Sampling of ores or furnace products and the reduction and preparation of sample for assay, including also the melting of gold dust and sampling of bar for assay.

None but the Purest Drugs used in dispensing at