

The gross output for the four weeks ending August 12 amounted to \$141,732, and the surplus to \$625,202, after paying all dividends, which have just passed the million dollar mark. The approximate average value of all ore hoisted was \$18.37 per ton. Based upon the total tonnage of ore and waste hoisted the cost per ton was \$2,398.

The principal development underground was the cutting of the main vein at the 425 foot level. It there shows a width of ten feet and a value of \$18 a ton. Mr. P. A. Robbins, general manager, reports: "We now have a total of 16 headings advancing in ore, four upon the 100 foot level, seven upon the 200 foot level, 3 upon the 300 foot level, and two upon the 425 foot level. Besides this we are doing a considerable amount of cross-cutting, and during the week have picked up No. 5 vein at the 100 foot level; No. 8 vein on the 200 foot level, and No. 34 vein on the 300 foot level. Thirty-seven drills are working double shift."

Hughes Porcupine.—A change is announced in the management of the Hughes Porcupine property in Whitney township. Mr. York has left that company to take charge of the Mine d'Or Huronia in Gauthier township, near Larder Lake. This company has a plant working and a small ten stamp mill on the ground. It will be set up and be operating before the snow flies.

Bureau of Mines Survey.—Mr. A. G. Burrows, of the Ontario Geological Survey, and his assistant, Mr. Percy Hopkins, are again in the field studying the country in the vicinity of Sesikini Lake. This is an extension of the Kirkland Lake field, of which Mr. Burrows made an exhaustive study this summer. The map which is to be issued by the department of the Kirkland Lake area is eagerly awaited.

penses, and so the premier mine of the Swastika section is closed down. The Lucky Cross mine and mill are also both silent. Swastika is now devoid of all activity. Kirkland Lake is, however, quite active.

Teck-Hughes.—The Teck-Hughes is doing extensive work at Kirkland Lake, both in sinking and drifting. The No. 1 shaft is now down 226 feet, the veing being in porphyry. From the No. 2 vein, at the 100 foot level, a vein has been cut showing some free gold.

Wright-Hargraves.—On the Wright-Hargraves, which is under option to Mr. Cartwright and his associates, ore is being sacked. Sixty bags have been taken off and will be shipped when a full carload is obtained. Most of this has been obtained from the No. 1 vein, which is 350 feet east of the old discovery. An incline shaft is now being sunk and is down about forty feet and a steam plant is in operation.

Power for the Kirkland Lake Mines.—Power is one of the prime needs of the Kirkland Lake camp. Tentative offers have been made to the Gold Fields, Limited, for the purchase of their power at Raven Falls, and there is a scheme afoot to increase the capacity of the plant owned by Mr. Pete Farah at Charlton and to run a transmission line from that point.

Kert.—The Hon. David Mitford, of London, has taken up the other half interest in the Kert claim in Teck township. Extensive trenching and stripping has been carried out on the property.

Tough-Oakes.—It is probable that for the present the Foster-Tough-Oakes Company will be content to mine with their present mill equipment. Good results are being obtained in the drift on the vein at the 100 foot level. The high grade streak is 25 inches wide and ore which will be hand picked for shipment to the



General View of Plant, Swastika Mine, Ont.

The Swastika Mine has closed down. After doing pioneer work in this particular section of the country for years, the Swastika blossomed out as a full grown mine about two years ago. Mr. Frank Armstrong took an option upon a considerable block of the stock and spent considerable money in developing the mine. There was a good ore shoot on the 200 foot level and above, but below that level exploration has failed to disclose pay ore. The ten stamp mill has not been in operation more than a year. The grade of ore being put through, together with the low extraction possible with simple amalgamation, did not pay current ex-

smelter is being broken for a width of two feet. Ore is already being bagged for the next carload shipment. The ten stamp mill is only making an extraction of about 57 per cent. of the ore from the dump; but it is paying current expenses at the mine.

BRITISH COLUMBIA CARIBOO.

Barkerville.—Drilling, to test the gold-bearing gravel, has been commenced at the Meadows, below the old Kurtz and Lane shaft, on Williams Creek, Cariboo, by a New York syndicate, the object being to ascertain