

& Slocan Railway, has been much hampered for the greater part of the last year in regard to transportation matters, reconstruction work in connection with changing the gauge of the railway having prevented ore being shipped last autumn, and during the winter the snow was too deep for the line to be kept open. Now, however, there is a prospect of transportation facilities being provided ere long, so the wagon road from Twelve-mile to the mine is being repaired and other preparations for mining and hauling ore are also being made.

COBALT, SOUTH LORRAIN, ELK LAKE AND GOWGANDA

Kerr Lake—As a result of the trenching on the Kerr Lake mine slope of Kerr lake, the prospects of that property have been materially brightened. On the surface the No. 10 system—which is a network of small veins admitting of profitable stoping for a width of thirty or forty feet at the 140 ft. level—has been opened up on the surface for about 300 ft. On an average it is four to five inches wide of bonanza ore. To the west the vein is good up to the Crown Reserve boundary and on the other side of the line it is being mined as No. 17 system. To the east there is good ore as far as it can be trenched until the whole slope is hydraulicked. In one spot for about forty feet it is lean calcite, but a parallel vein has been discovered, which, while not as wide, is quite as rich. It is remarkable that when the main vein loses its silver, the parallel vein becomes rich, and when the bigger ore body is again enriched the smaller loses its values. It is anticipated that between these veins there will be good milling ore as there is on the levels below. The No. 10 vein has been stoped up to, but not above the 140 ft. level. During the year ending August 31, 1913, the No. 10 vein system yielded 263,814 ounces. The discovery of the vein on the surface should at least make positive the ore stated to be blocked out in the last annual report on this vein, and there is every possibility that it will increase it since it is much richer on the surface than at any of the levels underground. It is most interesting to learn that a discovery has been made in the Keewatin formation under the diabase at the No. 3 shaft. Since this Keewatin is at the same horizon as that at the Timiskaming and the Beaver which yielded those mines their richest ore. The vein is one or two inches wide of high grade ore and was cut at the sixth level in a long crosscut.

On the second level a new vein has also been found in the diabase. It is from one to five in. wide, and is high grade ore.

At least one new vein has been found by the Kerr Lake Company as the result of dewatering the lake. It averages about 3½ in. for 75 ft., and is good at both its extremities. It will be possible to trace it further when it is hydraulicked. The vein is of bonanza ore on the surface. Crosscuts are being commenced on levels in the mine to pick up this vein and prove its depth. Trenching is also proceeding on No. 8 vein which shows a much higher grade of ore than on the levels below.

There is no water now in Kerr lake, and the two pumps are making good progress in pumping the mud. Two 6 in pipes are being laid for the purpose of hydraulicking off all the detritus on the slope and also with the intent of rendering more liquid the mud in the basin. The pumps under the circumstances will

make much quicker progress in freeing the lake from mud, which near the pumps is yet from twenty to thirty ft. deep.

Gould—At a special meeting the Gould Consolidated mining company decided to accept the offer of General Assets, Limited, for their two leases on Cart Lake. The General Assets company had already purchased the control of the Porcupine Syndicate stock and the Porcupine Syndicate held control of the Gould. To operate these leases General Assets, Limited, with Mr. Garnett Grant at the head, has formed a company known as the Cart Lake Cobalt with a capitalization of \$2,000,000.

Up to the end of April the Gould lease, which is now controlled by the General Assets, Limited, produced 60,220 oz.

Frontier—The assets of the Haileybury Frontier mining company, owning claims in South Lorrain have been seized. A writ of execution has also been served against the York Ontario, which last year operated under lease the old King Edward mine.

Bailey—All but four or five men have been withdrawn from the underground workings of the Bailey Cobalt mine, and these few are employed in the shaft so that development has entirely ceased. The reason is stated to be that Mr. E. A. Benson, of Chicago, the president, has decided to obtain some definite recognition of his claims against the company. For the past three or four years he has provided all the money required for development without securing either a lien or mortgage. Now he is moving for one. The company owes him between \$60,000 and \$70,000. Reorganization will probably follow and possibly the Bailey may be merged with other and adjacent claims.

Buffalo—The Buffalo mill in the month of April treated 6,767 tons of ore, average assay per ton before milling 17.00 oz., ounces of silver recovered 85,371, ounces of silver paid for during month 51,162, Buffalo dividends now amount to \$2,737,000. In the course of underground development two narrow but rich stringers have been picked up recently.

McKinley-Darragh-Savage—For the quarter ending April 30, the production from the McKinley and Savage mines amounted to 411,954 oz. Of this about 100,000 oz. came from the Savage in high grade and mill rock. At the McKinley the mill is treating 210 tons a day on an average. No new veins have been discovered, but at the 200 ft. level several blocks of ore on the Lake and 1st Swamp vein are yielding a much bigger tonnage than was anticipated in the last annual report.

Coniagas—After a great deal of dickering with the town the Coniagas mining company declined to accede to the measurements prescribed by the council for the trestle to be run across the street, and the shaft will be sunk at the corner of Silver street and Prospect ave. The rock will be dumped on the west side of the street and it will entail the destruction of some town property. The shaft will be sunk to the 175 ft. level to connect with the third level of the Coniagas, and crosscuts will be run to cut the two veins, which the City of Cobalt are working under the Bilsky Block and Harmony Hall respectively.

Power—By the completion and operation of the Fountain Falls plant of the Northern Ontario Light and Power company, the shortage in electrical power has been overcome. The Fountain Falls plant is now providing 3,000 horse power from its two units which should be enough to prevent any serious lack of power