

In the thirty miles of trenching upon the Nipissing last year eleven veins all showing high grade were uncovered. One of these, in the keewatin, in the southwest corner of the territory had an ore body 25 feet long by three inches wide of very rich ore. It has been sunk on, and at the 100-foot level a cross-cut has been started to catch the vein which dipped out of the shaft. Four parallel veins near Peterson Lake are being mined from tunnel 28. The ground covered included some hitherto unexplored keewatin territory, some partly explored conglomerate, and 3,500 feet in the diabase only. The average depth of the trenching was 2.8 feet. Next year all the surface prospecting will be done by means of hydraulicking.

In drifting on the Laval vein on the 150 foot level of the T. & H. B., near the Trethewey line and heading for it a five-inch vein of 3,000 ounce ore has been cut. It has been opened up now for 430 feet right to the Trethewey line. The mill building at this mine has been completed and half the machinery is on the ground, while the remainder is ordered. For the concentrator there is 12,000 tons on the dump and a large tonnage of low grade has been stoped in the mine itself. This is the fourteenth concentrator to be erected in camp and there are plans being made for two more, one at the Crown Reserve and the other at the Nipissing.

Quite a number of changes have been made in the management of Cobalt properties. Mr. Charles Watson, formerly of the Cobalt Townsite, goes to take charge of the Armstrong McGibbon at Porcupine at the beginning of the month; Mr. A. C. Bailey leaves the Casey Cobalt to take his place at the Townsite, and Mr. John Shaw will be manager of the Casey.

As the Cobalt Provincial now has a continuous ore body of over 200 feet at the 175-foot level, Mr. Reddington has thought developments warrant the erection of a good camp and a small sorting house to look after 40 tons a day. The vein is of high grade ore from three to six inches wide and outside its values extend for sixteen feet in several spots in the drift. Twenty tons of high grade have been taken out of a stope on the upper level and two cars of seconds are on the dump. The camp is being built to accommodate sixty men.

The Little Nipissing has cut its vein again at the 285-foot level and report it to be as rich as ever and six inches wide. The company has on hand three cars of ore of which one-third of a car is high grade.

The Cobalt Provincial Mining Company has secured an option from Messrs. Fraser and Ogilvie on lot A53. There is opened up on it 25 feet of a one-inch vein. The showing was supposed to be the best of any of the lots offered for sale at the last sale of property by the Government and brought \$35,100.

On the fifth or lowest level of the Kerr Lake, No. 3 shaft near the Hargrave boundary, a new vein of high grade ore has been cut. Under Kerr Lake, where previously nothing had been done, a cross-cut has revealed the existence of several very rich veins, in all probability, the extension of some of the Crown Reserve's veins.

The largest shipment of bullion made from any one mine at one consignment was that from the Crown Reserve when they shipped 65 bars, containing 45,000 ounces, to England. It came from their coarse metallies from their small sorting plant.

Buffalo interests have leased the Green-Meehan on terms that appear to be favourable to the discovery of more ore if there is any left at all. In the five years of their lease the syndicate has to do 120 feet development in the first year and gradually increase the extent of the exploration each year until the fifth year when 275 feet at least must be done. Unless there is again a hitch, active work will be commenced at once.

The Beaver Consolidated has issued a statement showing that there was on hand at the end of October \$30,000 in cash,

\$30,000 due from the smelter and another \$30,000 car ready to ship.

During the month of September the Nipissing produced 351,849 ounces, having a value of \$185,219. Development during the month has mainly been on the Meyer, which now shows a 212-foot ore body.

Surface conditions on the Nipissing are:—

	Partially Prospected.	Unprospected.
Conglomerate	306	123
Keewatin	176	10
Diabase	16	225

The Ophir Cobalt Company has been fined \$100 for not providing a guard rail at its 200-foot level. A man named T. J. Kinsey fell down into a winze and was killed. The Beaver Consolidated was also reprimanded by a jury for not seeing that the guard rail at the shaft was kept down and in place. A man was killed there.

The McKinley-Darragh-Savage has already mined this year two million ounces of silver in the first ten months of the year. From the Savage mine a regular output of between 50,000 and 60,000 ounces is being maintained per month.

Two gold prospects outside the Porcupine area report continued good showings. These are the Swastika mine near Dane, on the T. & N. O., and the Thelma mine, in Bryce Township. At the Swastika the manager has gone to Nova Scotia to buy a second-hand mill of five stamps in order that they may extend operations. At the Thelma Gold Mining Company, midway between Cobalt and Elk Lake, assays continue good as test pits are put down on a two-foot vein.

A contract has been let to sink a shaft on the Valentine Mines at the southwest end of Cross Lake. The shaft will be put down a hundred feet to crosscut several good sized veins found on the surface.

Pennsylvania detectives are looking into the affairs of the Delaware Cobalt Mining Company with properties somewhere near Gillies depot. The properties were bought for a few hundred dollars by the promoters and resold to the company, capitalized at \$2,000,000, for \$21,000. Much stock in the company, on extravagant representations, was sold to Easton, Pa., people, who are now beginning to make enquiries.

The O'Brien mill is now treating 120 tons a day and getting an extraction of 93.4 per cent. from 30 ounce ore.

Fourteen shipments of bullion have been made from the mill, consisting of 288,405.78 ounces, worth \$153,028.49.

Porcupine.—Until the trail is better and supplies are cheaper and more easily obtainable, the Dome has got rid of most of the men employed. Probably this winter work will be confined to the erecting of a mill and big plant. A twelve-drill compressor has been ordered from the Canadian Rand Company.

By the time this appears in print the trail to Porcupine for sleighs and passenger traffic should be excellent. A new winter trail is being cut from Crawfords on the Frederickhouse to Hills on the Porcupine, and should be completed by the end of the month.

Two men were drowned in the Frederickhouse River, one in trying to break through ice with a canoe, the other in endeavouring to cross the river on thin ice.

Work on the Miller Middleton properties of the Timmins shows that the gold showings go down for at least thirty feet on those properties. Below the 100-foot level of the main shaft a winze is being sunk. It has been put down 30 feet and is still in excellent ore.

An English company represented here by the firm of Rose Van Cutsen & Company, has staked Pearl Lake near the Timmins holdings and Simpson Lake near the Foster. The intention is to prospect under them in a few days.

The demand for claims in the Porcupine area in Tisdale, Whitney, Shaw, the Reserve, and even in Carman and other townships, has never been so keen. Many important sales have been