

A raise from the eastern end of the fourth level showed 85 ft. of ore, at which point the vein was small and faulted. A crosscut was started at the top of the raise, and at a distance of 15 ft. encountered a vein assaying 800 oz. over a width of 1 in.

Further development on branches of vein 98 have been generally satisfactory. A fifth vein connecting two other branches assays 500 oz. over a width of 1 in. No better news is available from the drifting of the main vein at 900 ft. at the 64 shaft. The drift to the east still runs from 6 to 8 in. wide, but assays very low in silver. Drifting will be continued until a point is reached vertically below the good ore shoots.

Of the total production for the month \$115,397 came from high grade ore and \$86,845 from low grade.

**Peterson Lake.**—It is with much regret that mining men of Cobalt heard of the resignation of Mr. W. C. West, who for the past year has been superintendent of the Peterson Lake Mining Co. Mr. Lamb has made a good record of development at the Peterson Lake. It is understood that Mr. West resigns mining in order to take up farming in Florida. Mr. West has put in most of his career in the sub-tropics and he is looking forward to getting back into a part of the world where mackinaws are not essential for several months in the year.

**Elk Lake.**—It is stated from Elk Lake that as soon as the road out to the mine is put in repair the company will resume work. In the bush fires this summer all the buildings were burned at the mine, and these will have to be replaced. At the same time the bridges on the road were burned and the company is hoping that the Government will soon replace them.

**Dividends.**—Two Cobalt mining companies have dropped their bonus disbursements in the past two weeks. Instead of paying twelve and a half per cent. the Seneca Superior paid 10 per cent. on Oct. 15th. This company has now returned to the original shareholders 125 per cent., the total issued capital being less than \$500,000. It is understood that developments at the mine since work was resumed at full blast are quite satisfactory.

Coniagas has declared no bonus with the six per cent. quarterly dividend.

**Hudson Bay.**—As the main shaft of the Hudson Bay mines has been shut down, and it is very problematical whether the working at No. 2 shaft will yield ore, the total of 5,604,168 oz., valued at \$2,965,523, may be accepted as the final output from the famous old mine. The total investment was only \$7,761 by its incorporators, all New Liskeard men. The end of the ore at the No. 1 shaft was reached in June, and the mine was promptly closed down. The production for the last year of the company's existence was 393,360 oz. of silver, valued at \$196,435.

While no ore has yet been found by the Hudson Bay at the No. 2 shaft, south of the McKinley Darragh, yet the manager, Mr. A. H. Brown, views the possibilities of a good discovery as by no means remote.

It was stated at the annual meeting that the company now holds 540,000 shares out of the 940,312 issued of the Dome Lake Co., and that development work is very satisfactory to date. The entire board of directors was returned.

## PORCUPINE, KIRKLAND LAKE, SWASTIKA

**Hollinger.**—One of the big compressors is now running in the new power house belonging to the Canadian Mining and Finance on Gillies Lake, and under-

ground operations have already been extended. There are twenty-six faces of ore on the Acme alone, and recently only two drills have been working on this private property of the Timmins-McMartin-Dunlap syndicate. Many of the extra drills will be set up there. The outlying shafts of the Hollinger, which have been lying idle for the past month or so will be opened up again and more drills will be set up to assist in the sinking of the big main shaft. So far there has been barely enough power to keep ore broken ahead of the mill, now it will be possible to set up drills on development and exploration work to a much greater extent. There are many faces of ore in the mine that have been left until it was possible to obtain more air.

**Dome.**—During September the ore at the Dome ran two cents a ton higher than in the preceding month of August. The tonnage was also higher, but the most noteworthy feature was the high extraction. This was raised to the ratio of 99.301 per cent. as against 90.893 per cent. in August and 97.454 as a previous best in April of this year. As September was nearly two thousand tons higher than the previous month in ore treated and the grade has been gradually creeping up since May, it is certainly the best month as regards profits since early this year. As Mr. Keading has also been cutting costs the profits are growing at both ends of the scale.

**Sesikinika.**—As a consequence of several applications for leases from private parties, the Timiskaming and Northern Ontario Railway has asked for tenders for the right of way at the Sesikinika camp, between mile posts 175 and 178. The section includes some 36 acres of land on both sides of the railway track. The term of lease is 999 years, with a ten per cent. royalty.

The Timiskaming and Northern Ontario leased the right of way at Cobalt with greater profit to the Right of Way mine, but to none other of the many companies that took up leases.

**Dome Lake.**—Once more stamps are dropping in the Dome Lake mill. They have been idle for more than a year, since the Timiskaming and Hudson Bay took over control and deemed it wise to shut down the mill until there was more ore in sight.

**Vipond.**—The Vipond mill is now running smoothly. The third clean-up has been made with entirely satisfactory results. Underground, too, development is producing good results.

**Pearl Lake.**—The sale of the plant on the Pearl Lake gold mines is announced. The sale only affects the plant, not the property nor the buildings.

**The Canadian Exploration Co.** is shipping gold bullion to the Ottawa mint. In October the production was about \$20,000. The Long Lake mine, near Naughton, is now making a small profit from the treatment of highly refractory ore. During the past three months the tonnage has been raised very considerably, and the consumption of cyanide in the mill per ton of ore treated greatly reduced. Ore was previously largely furnished from an open cut but is now being obtained from a stope at the 180 ft. level.

## NEW MAPS.

The Canadian Geological Survey has just issued two new maps. Map 136A is a topographic map by W. W. Leach, of the Hazelton and Aldermere areas, Cassiar and Coast Districts, B. C. The second is a topographic map of the Craig mine property, Raglan twp, to accompany a Memoir by the late A. E. Barlow.