

taken out and laid aside for shipment. The property merits further prospecting, and the ore should be shipped to prevent loss by oxidation.

Lots 76 and 17, con. XI., and lot 17, con. X. Owners of mineral rights, International Molybdenum Company, Limited. Development work is being carried on under the superintendence of J. C. Murray. From 20 to 30 men are employed. The molybdenite is in a series of parallel pegmatite-pyroxenite dikes, and at the time of the writer's visit the work had all been by stripping and open cuts. More than 200 tons of concentrating ore have been shipped from this property. The writer was informed that a shaft was started after his visit.

Lots 7, 8 and 9, con. XI., and lot 8, con. XII. The Renfrew Molybdenum Mines, Limited, under the superintendence of Charles Spearman, are working on a low-grade pyroxenite which lies between Grenville limestone and pegmatite. Several carloads of concentrating ore have been shipped from the property. A drift about 60 feet long and a cross cut about 90 feet in length have been driven into this deposit and two holes have been put in with a core drill. The deposit as exposed is about 600 feet long and 40 feet wide, and apparently offers a large tonnage of concentrating ore. Preparations were in progress for the erection of a mill, and two boilers were being installed. It is proposed to use the Elmore (flotation) concentrator in the mill. Preparations were being made for the sinking of a shaft.

Lot 15, con. XI., known as the Connelly-Chown property. Two pits have been sunk on a couple of narrow pegmatite dikes of apparently the same character as those on the adjoining claims, which are worked by Mr. Murray.

Bromley Township.—Lot 24, con. V. Lessee, J. E. Cole, Renfrew. Development work is being done on a large mass of pyroxenite and about a ton and a half of concentrating ore has been shipped.

Blithfield Township.—Lot 29, con. I. Some development is reported on the farm of Thomas Quilty, but the property was not seen by the writer. He was informed, however, that further development work will be done during the summer.

Griffith Township.—Lots 31 and 32, con. V., and lot 31, con. IV. Owner, W. J. Spain, New York city. Manager, George R. Gray, Daere. The molybdenite is in two dikes of pegmatite and pyroxenite in gneiss and crystalline limestone separated by about 10 feet of gneiss. The two dikes together give a width of about 25 feet of working ore. The molybdenite occurs in extremely large flakes, some of them being more than a foot across. Masses of nearly pure molybdenite weighing as much as 50 pounds have been taken out. A mill has been erected and was nearly ready for work. As much of the flake molybdenite as possible will be picked out on picking belts, and the remainder, after passing through rolls, will go to a Hooper Pneumatic Concentrator.

Lyndoch Township.—Lots 5 and 6, con. VII. Jamieson mine, operated by the International Molybdenum Company, Limited. Idle at the time of the writer's visit and workings filled with water. There were 57 sacks of low-grade ore ready for shipment and a few small piles of ore to be cobbled. This is looked upon as one of the promising properties.

Matawatchan Township.—Lot 3, con. VI. On the farm of James Wilson one shot has been put in a pyroxenite mass. Mr. Wilson's son told the writer that 2½ pounds of pure molybdenite had been taken out. The rock that had been blasted out appeared to have

run about one-third to one-half per cent., and showed flakes of molybdenite scattered through it. The pyroxenite is on the margin of a large pegmatite mass and is from 40 to 50 feet wide. Nothing definite can be said as to values at present, but there is a possibility of a large tonnage of low-grade material. Further prospecting is desirable.

Miller Township.—Lot 3, con. ... On the farm of Thomas Armstrong a pegmatite dike has been opened up by C. G. Shannon, of Kingston. Some molybdenite was seen, but the property does not appear to be high grade.

Lot 3, con. 8. Property not visited.

Lot 5, Northeast Range. Not visited.

Raglan Township.—Lot 27, con. IX., and lot 27, con. X. Three pits have been sunk on these properties and molybdenite is on two of the dumps. The best pit is on or near the line between the two properties. The dike is about 4 feet wide, and 30 to 40 tons of rock have been removed, and possibly a ton of 3 per cent. ore lies on the dump. The other two pits are on concession IX. John Windle owns the lot in concession X. and H. Liedke the lot on concession IX.

Ross Township.—Lot 22, con. II. Owner, John Rose, Haley. An open cut has been made in a pegmatite dike from 2 to 4 feet wide. The cut is about 50 feet long and from 2 to 8 feet wide. The part showing molybdenite was under water. A ton or so of concentrating ore was on the dump.

Lot 7, con. IX. Property not visited, but the writer was informed that no work had been done for several years.

Sebastopol Township.—Lot 18, con. VII. On the farm of Edward Ziebarth are two small dikes in gneiss and crystalline limestone. Some molybdenite has been found, but further development is necessary to show a sufficient quantity for commercial purposes.

Haliburton County.

Cardiff Township.—Lot 12, con. XI. Owners of mineral rights, Matthews and McMahon. An opening from which possibly 50 tons of rock has been taken has been made in pegmatite. Some large flake has been taken from this place and a small amount of concentrating ore is on the dump. No estimate could be made as to values.

Lot 11, con. X. On the farm of Alex. Evans a shaft has been sunk and an open cut has been made, but the property has not been worked for some time and the workings are filled with water. A small concentrating plant was erected containing a Wettlaufer crusher, 12-inch rolls and a screen. Several tons of finely pulverized ore containing small flakes of molybdenite were stored in a bin.

Lot 18, con. IX. On the farm of John Mooney is a mass of pegmatite, in which scales of molybdenite are visible. No work has been done on the outcrop.

Lot 6, con. IX. Owner, Walter R. Kidd, Paudash. An open cut has been made upon two parallel pegmatite dikes, each about a foot wide, in gneiss.

Lot 11, con. V. Owner, Walter R. Kidd, Paudash. Two open cuts or pits have been made upon a deposit similar to the last mentioned.

Harcourt Township.—Lot 3, con. I. and II. This is the property formerly worked by S. Dillon Mills and described by him.* In the main workings little molybdenite was to be seen, but at one of the workings further south a considerable quantity of rich ore had been laid to one side. This ore is a concentrating ore, but the writer would judge that there is from one to two tons of 15 per cent. ore at this place.