

one of the reddish dykes or veins already mentioned and is made up of cryptoperthite with a smaller amount of plagioclase with yellowish epidote filling up the irregular cracks and interspaces. Microscopic
Examinations
of rocks.

No. 19.—Wilbur Mine.—Lot 4, Concession XII., Lavant Township, Lanark County.

The hand specimen shows a dark reddish gneissic rock. Microscopically the rock is seen to be composed of orthoclase, plagioclase, quartz and biotite with smaller amounts of epidote, sphene, apatite and allanite. It would thus be classified as a biotite-granite-gneiss, or granitite-gneiss.

Nos. 20 and 21.—Yuill Mine.—East half Lot 25, Concession V., Township of Darling, Lanark County.

The hand specimens which represent the ore show a magnetite with a considerable proportion of rocky matter. Section No. 20 is composed almost wholly of magnetite containing numerous irregular fissures and interspaces which are filled with feldspar, chlorite and calcite. Section 21 is also largely composed of magnetite, separated by tongues or bands of fine-grained diorite. The magnetite is also full of irregular interspaces which are filled up with hornblende and plagioclase.