



Boiler House at No. 4 Mine in Course of Construction.



Open Cut at Bessemer.

wise to attempt to compute the possible tonnage of this vast body. But even if belief in the continuity of the mass of magnetite is not substantiated by events, still the deposit is a large one.

At No. 3 mine the ore body is 300 feet wide and has been opened for 850 feet. The foot wall at this width is not yet in evidence. A diamond drill core has been taken to the depth of 160 feet. At this depth the ore shows

tons have been made in which the metallic iron averaged more than 63 per cent.

At No. 2 mine, at Child's mine, two and a half miles northeast, and at several intermediate points, development work has been done, more with a view to proving the properties than for shipment purposes, although several shipments have been made.

Near No. 4 mine a substantial power plant has been



Open Cut at Bessemer.



Boiler House.

no change. The opening in No. 4 is longer and narrower—1,100 feet by 220 feet. From both mines shipments have been made continuously this summer to the Canada Iron Furnace Company at Midland, Ont., to the "Soo" furnaces and to the Deseronto furnace. Usually these shipments average more than 55 per cent. metallic iron, from 0.01 to 0.07 per cent. sulphur, and from a trace to 0.03 per cent. phosphorus. But shipments of over 100

erected. Here also a shaft house and head frame have been built, in which is installed a large gyratory crusher, capable of crushing 1,000 tons of ore per shift. Both No. 4 and No. 3 mines are worked as open pits; but at No. 4 pit a shaft is being sunk to the dip. The ore from the No. 4 pit trams is dumped into a two ton skip. The ore from No. 3 is dumped into bins, and thence into the skip. The skip is hoisted on a trackway at an incline of about



Skip-way, Crusher and Power House



No. 4 Mine.