151. Jonas Bastian’s mine.

“Abandoned. Shafts have been sunk to quite a depth in the bottom of the mine; but the stuff at the mouth of the shafts has been nearly all washed away. The mine is from 10 to 15 feet deep; near the surface it is apparently ore disintegrated with the rock in place; near the bottom of the mine the ore appears in one or two places to form beds in the clay.”

This is a large pit partly filled with water. There is very little limestone here, some quartz, and a little ore. Most of the rock appears to be highly silicified. Another flooded pit just to the north shows the same characteristics.

152. Elwyn Bastian’s mine.

“Leased by the Lehigh Iron Co. The mine is 22 feet deep to the water. Ore occurs in clay, the latter varies from level to a dip of 5° S.18°W.”

“Limonite, hard, compact, and sandy with considerable quartz in the fine ore.”

This is a small mine with two rather large dumps which are covered by trees and brush. There is very little to be seen here except a little quartz, lump ore, and some material which appears to be highly silicified.

153. Francis Guth’s mine.

“Leased by the Carbon Iron Co. There are three excavations at this mine.”

“Limonite, hard, compact, and sandy.”

Of the three excavations here the middle one is by far the largest and is partly filled with water. There is some yellow clay here, a little quartz, and considerable siliceous material. Lump ore is abundant and ranges in size from small pebbles to rocks one to two feet in diameter.

154. Francis Fischer’s mine.

“Leased by the Coleraine Iron Co. In this mine no rock is apparent, nor has any been struck. The ore occurs as wash and pot ore in yellow clay probably resulting from the decomposition of the limestone. At the east end the clay basins slightly, and dips 30° S.67°E. The mine is 36 feet deep.”

“Limonite, arenaceous, and exceedingly hard and tough with nodular concretions and velvety surface.”

There are two excavations here. The one nearer to the road is covered by trees and brush, and has a small dump at one end. The second pit is several hundred feet long, about 50 feet wide, and is flooded to within 35 feet of the top. The banks are composed of yellow clay and brownish earth. Quartz, ore, and limestone fragments occur here. The jaspery material has a granular appearance and contains some doubly-terminated quartz crystals.

155. John Woodring’s mine.

“Leased by the Crane Iron Co. This mine was not being worked when visited and the sides were much washed. The ore occurs in yellow clay, which was plastic and looked as if it were decomposed damourite. On the dump there was a little white clay, showing that it occurs in the mine. In the northeast corner of the main opening a little waterworn limestone can be seen.”

This pit has been filled. Its small dump covered with trees and brush shows a little yellow clay.