58. Mary Brotzman's mine.—"Leased by Kirchline. The ore occurs in damourite slate, somewhat decomposed, but scarcely pays for washing, as there is so little of it. The cut is an open one, only 8 feet deep, 2 feet of which are stripping. At the west end there is ore in the bottom of the cut. Thin streaks of black oxide of manganese occur in the face of the working, prettily crystallized. When the mine was visited, the workmen were carefully washing and picking this out as being injurious to the ore, and were much surprised at being told that by leaving it in they improved the character of the ore."

59. Mary Brotzman's mine.—"Leased by the Glendon Iron Company. At one point of this working there are old drifts which are now being worked by an open cut. In this, flint, ore and clay are all mixed up together, owing to the old underground workings, which having crushed together, caused the entire material to roll together, and thus made it impossible to see anything of the original nature of the deposit. Nearer to the road there are two shafts from which ore is being taken."

60. Mary Brotzman's mine.—"Leased by Pfeifer & Co. This is an open cut containing alternate beds of dark brown and light yellow clay, somewhat plastic in character—probably decomposed damourite slate—and containing pieces of ore. There is no regular bed, the material mined being only surface soil and sub-soils. It is very probable that the clay and ore have been washed down from the beds higher up the hillside to their present position. Flint occurs in the clay with the ore. The darker colored clay owes its color to the presence of a little oxide of manganese. The beds have a dip of N. 72° E., 17°, conforming to the slope of the hillside."

61. Joseph L. Brotzman's Heirs' mine.—"Leased by George Unangst, was just being opened when visited. Nothing could be seen except stripping, which was being washed. On the surface at the north side only clay could be seen; in the south end of the opening there was a foot and a half of white clay, containing fragments of ore, but no regular bed."

62. Mary Brotzman's mine.—"Worked by Kirchline. A shaft has been sunk 64 feet to the upper bed, which is said to be 3 to 4 feet thick."

63. Jacob Crawford's mine.—"Worked by Charles Kirchline & Co. In past times ore has been sent from here to the Glendon Iron Co., and the Keystone Furnace. It is said that there are two beds of ore here. A shaft has been sunk 18 feet into the top bed and it was thought the owners would have to go down about 60 feet to strike the main bed below. The top bed is about 6 feet thick and contains plenty of lump ore. There was but little white clay in the