

It will be seen that it occupies a convenient position, as regards the water supply, and also affords the best opportunity of working the conglomerate from the bank that marks the broken line of conglomerate, before described. Upon inquiry among those who had long ago milled the conglomerate ore in their imperfect fashion, it is always conceded that it would run from \$4 to \$20 per ton. For more definite and satisfactory information, I collected four and four fifths tons of the conglomerate. This I took over a line representing twelve hundred and fifty feet, along the east and west. Beginning at Area 48, Block 3, I took three barrels from an old dump of disintegrated conglomerate in the form of coarse gravel. I only know that it had lain there more than ten years. From Area 50, Block 3, due west three hundred feet, I took from the tunnel fresh blasting, after pumping out the mines, four and four fifths tons. From the old McDonald dump on No. 4, Block 2, due west seven hundred feet from last sample, I took one half ton. This dump consists of the larger stones broken by McDonald from the conglomerate, as he did not wish to mill the broken rocks. Upon these stones when thrown out there was more or less conglomerate. In the course of time it has parted from the rocks, and now, by piling them over, it falls to the bottom. This material, taken out at different points on a large dump of many thousand tons, seemed to me would make a fair sample of the conglomerate, but when it was collected, after considerable difficulty, it contained much more broken slate than seemed satisfactory; but I concluded to take the lean side for a test, and let it go as it was. The old McDonald works at that point were pumped out by steam, after continuous work, night and day, and at different points within the remainder of this sample was taken. To have gone farther to the westward would have involved considerable road making, and by the use of the pan and mortar I was satisfied that there was as good ore as at Area No. 11. This sample was secured, securely headed in barrels, and sent to the mill of the Caledonia Mining Company, at Molega, Queen's County. I was present while it was going to the mill, where it had the closest attention of two experienced amalgamators, and under the direct charge of Capt. W. D. Smart, who has certified to the results as follows:—