

below the average yield of dressed or picked samples. Hand-dressing cannot be safely resorted to with an ore of this kind, as by that process much of the free gold might be lost: but if the ore were stamped and properly buddled, the useless quartz would readily be separated without any loss of gold; and very high results by this concentration would be obtained, with probably nearly uniform yields from all the veins. With undressed ores of this character, no two samples will shew exactly corresponding results.

Average sample from the Gatling or No. 1 vein:

Gold—3oz.,	11 dwts.,	4 grs. = \$73.50	} In Ton of 2000 lbs. of
Silver—	5 dwts.,	20 grs.	

Average sample from No. 3 vein:

Gold—3 oz.,	7 dwts.,	16 grs. = \$69.86	} In Ton of 2000 lbs. of
Silver—	5 dwts.,	6 grs.	

Average sample from the O'Neil or No. 4 vein:

Gold—2 oz.,	18 dwts.,	8 grs. = \$60.26	} In Ton of 2000 lbs. of
Silver—	7 dwts.,	0 grs.	

On a former occasion, I obtained from a small sample of the Gatling ore, which probably contained some undetected specks of free gold, no less than \$112, and from a piece of pure mispickel, \$156, per ton.

(5) *Buildings, Mining Plant, and Piled ore upon the Property.*—A number of substantial buildings, with a large amount of mill machinery and fittings, lumber and piled ore, belong to the Company's assets. The buildings at present erected, are as follows:—A neat Dwelling House and Office; a twelve-room boarding House, with stone cellars and other conveniences; a six-stall Stable; a Forge and Store-room; Powder House; a large and well constructed Mill; and a brick Condensing flue, 122 feet in length. The mill is not complete in all its arrangements, but a very small outlay would put it into working order. It measures 86 feet by 44 and has a very solid stone sub-structure. In its construction and appointments Mr. Gatling has shown great