

must be locked up within the limits of the property. This will be rendered evident by reference more especially to certain calculations given below.

(2) *Site and general description of the property.*—The actual property of the GATLING GOLD AND SILVER MINING COMPANY comprises altogether the following locations:—

1. A portion of Lot 9, in the 8th Concession of Marmora...12½ Acres
2. The West Half of Lot 10, in the 9th Con. of Marmora...100 Acres
3. The North Half of Lot 31, in the 6th Con. of Marmora...100 Acres
4. The North Half of Lot 26, in the 11th Con. of Marmora. 66 Acres
5. A portion of the West Half of Lot 25, in 10th Con. Marmora 35 Acres
6. The South Half of Lot 28, in the 9th Con. of Hungerford 100 Acres

The present Report refers solely to the first of the above locations, the only portion of the Company's property on which any attempts at systematic exploration and development have as yet been made. This location measures 505 feet from south to north, and nearly 1200 feet from east to west—the total area being 12½ acres. Although presenting a broken or undulating surface, it lies in the trough of a long valley, bounded on the east by the north and south range of the Red or Huckleberry Hills, and on the west by a lower but roughly parallel ridge. The essential gold-bearing belt of Marmora occupies in this district the undulating area lying between these ridges. A considerable amount of timber suitable for mining purposes and fuel occurs upon the property, and the eastern portion of the location is traversed throughout its entire length by the River Moira, an unfailing stream of water, averaging in width at the spot in question about 60 or 70 feet. West of the stream, the ground rises rapidly in a series of somewhat abrupt ridges, and it is principally along these, in a nearly north and south direction, that the gold bearing lodes occur. The location is connected with the village of Marmora, 4 miles distant, by a fair country road. From Marmora to Belleville—on the Grand Trunk Railway and the Bay of Quinte, communicating with Lake Ontario—the distance by