

REPORT OF CHAS. ROBB, Esq., MINING ENGINEER.

GENTLEMEN,

In accordance with your desire I have visited and made a cursory examination of your Lead mining property, situated in the Township of Galway, County of Peterborough, Ontario, and have noted its capabilities for mining purposes, and the development hitherto made thereon. I beg now to present to you the following brief report, embodying the results of my observations together with a plan showing the position of the property and of the mineral veins thereon, so far as shown to me. I must premise, however, that as at the time of my visit (about a month ago) little work had been done in testing the veins by sinking upon them, the information I have to convey, and the conclusions I may have been led to form, are of a less positive and definite character than I could have desired.

The part of your property consisting of Lot 20, Concession A, as designated by the Red tint on the accompanying plan, abutting upon, and adjacent to the Bobcaygon Road, held by you in fee simple.

This property is situated about 12 miles from Bobcaygon, which is a port on the great chain of navigable Lakes, communicating on the one hand with the town of Lindsay, about 22 miles distant, and on the other with a point about 6 miles from Peterborough, both of which places connect by short Railways with the waters of Lake Ontario, and with the Grand Trunk Railway.

The Geological position relative, and conditions of this property are highly favourable for the occurrence of metallic veins. It is underlaid by rocks of the "Laurentian formation," consisting of various forms of Gneiss rocks, interstratified with bands of crystalline Lime-stone. These rocks in several parts of Canada have proved to be productive of important Lead veins, and in the present instance since it has been proved that such veins exist on the property, their importance is greatly enhanced by the circumstance that they occur in the immediate vicinity of the junction between the Laurentian and overlying lower Silurian formation.

The greater part of the property is covered with a dense growth of timber, consisting chiefly of pine, spruce, and elm, the cleared portion occupying a comparatively narrow strip skirting the east side of the Bobcaygon Road. The mineral discoveries which have been made hitherto, and the little explanatory work which has been done, has naturally been for the most part confined to the cleared land on which some highly promising veins of Galena and Sulphate of Barytes have been exposed. The strike, or general direction of the rock formation throughout the country, coinciding also with that of the ridges and valleys, is north-east and south-west, while the general direction of the mineral veins is north-west and south-east, the dip of the veins is also