



MONTREAL, 3rd December 1847.

GENTLEMEN,

In accordance with the promise made to you last winter, I proceeded to your Seigniorship of Rigaud-Vaudreuil, parish of St. François Beauce, on the opening of the past season, for the purpose of making a more complete exploration therein, to determine as far as it was practicable the extent of the Deposit of Gold, already alluded to in my report to you, dated 22nd March last.

The following observations on my late exploration, I beg leave respectfully to hand you for your information, by which you will perceive, that the surmises heretofore hazarded by me, as to its probable value, have been fully confirmed, and will I trust prove satisfactory.

The objects of the exploration were, to establish the limits and consequences of a certain locality. These desiderata may now be considered as obtained, and would be enhanced materially, if the laws of Geology, particularly those which have an immediate bearing upon auriferous formations, had established the Rocks of the section, as Gold bearing rocks ; creating a system, and proving, that the present Deposit is not local or accidental, but immediately connected with formations, which are extensive, and which give a character to the Country.

The details of a geological exploration of a country, relate not only to the earth or rocks in which the metalliferous beds exist, but to certain parts or portions of the same, which indicate by invariable signs, greater chances of the metals being found abundantly. For instance—It has been established, that