

and to employ them whenever practicable in the arts and agriculture.

We have found persons endeavouring to make lime from rocks containing but little of that mineral, while the good limestone at hand was neglected. The directions for burning lime in the appendix to this report will be useful to those who have not hitherto paid sufficient attention to the construction of kilns and a proper mode of calcination.

We are not acquainted with an instance where marl was used as a manure in the Province previous to the commencement of the geological exploration; it is now employed in different parts of the country, and successfully applied to all the sandy soils and mixed in composts. The discovery of marl along the shores of Gloucester and Restigouche Counties is highly important to the farmers in that quarter; and the excellent crops of wheat raised from marled land during the past season, are the best recommendations of its virtues. Limestone, marl, peat, sea-weeds, and decayed vegetables are the natural manures of the Province, and the success of agriculture in some districts will greatly depend upon their judicious management and use.

The geological inquiry instituted by the Province, has been the means of affording information, respecting the country, to persons abroad, and now that the difficulties are removed in reference to the settlement of the Boundary dispute, British and American capital will be introduced and the resources of the country opened. The same inquiry has brought into use granite, freestone, limestone, &c. with other substances of the mineral kingdom.

From the great expense of opening mines, the advance from their first discovery to their successful and profitable operation, is necessarily slow. Preparations are in progress for opening the Coal Mines of New-Brunswick, and the period will arrive when both her coal and iron will be extensively worked. The great depression which has existed in the commercial affairs of almost the whole world during the past year, has retarded the advancement of mining in all the Colonies; but this circumstance does not render it less necessary that the resources of those Colonies should be examined, and their nature understood. Since the geological exploration was com-