

## SOME NOTES ON MOUNT ROYAL.

BY J. S. BUCHAN, K.C., B.C.L.

Mount Royal may be described as bounded by Sherbrooke Street on the East, a line about a quarter of a mile beyond the Electric Railway on the West, at Outremont; Park Avenue on the North, and the Electric Railway on the South. The area thus enclosed, from the scale on the map, is about 16,000 feet, or over three miles, from North to South, and 11,500 feet, or over two miles, from East to West.

In shape it is a somewhat irregular oval, and has a superficial area of about five square miles. In this space there are three principal peaks, one at the Observatory, 739 feet above low water in the Harbor, another opposite to this, and divided from it by Mount Royal Cemetery, 730 feet, and the Westmount, or Little Mountain, about 600 feet, from a Barometer reading, which has, however, not been verified, as stated below. These points are separated from each other, the first two by the depression in which the Mount Royal Cemetery is situated, and the latter from the others by the Cote des Neiges valley.

It will be understood that these and all measurements used in this paper do not pretend to give those of an accurate survey, and in the sketches showing the line of division between the limestone and trap of the mountain, the irregularities of the lines have been neglected, as they could not be correctly shown on a small scale plan, and, further, were not necessary for the purposes of the present paper, the object of which is to show in a general and comprehensive manner the area, position and boundaries of the respective trap and limestone formations of which the mountain is composed.

To assist the description, I have prepared some rough sketches, on which the heavy black line on Figures 1, 2