

THE CANADIAN GEOLOGICAL SURVEY AND ITS  
DIRECTOR, SIR WILLIAM EDMOND LOGAN, Kt. F.R.S.

BY SANDFORD FLEMING, C. E.

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Previous to the two great Industrial Exhibitions at London, in 1851, and Paris in 1854, the world at large may be said to have been in total ignorance of Canada's resources. Many people indeed appear to have been scarcely cognizant of her geographical position on the surface of the globe. Even our enterprising neighbors of the United States were but partially aware of what the country was capable of producing; and each member of our own population was too much engaged with his own pursuits to have any defined idea of the character or productiveness of those districts remote from his own immediate neighborhood.

Within these five years, however, through the medium of the above mentioned sources, it has been shewn that, while in various branches of mechanism and manufactures, the mechanics and manufacturers of Canada are in some respects in advance, and in the generality of cases equal to those of other nations—and while Canadian agricultural products are admitted to be of the highest quality—Canada can produce an amount and variety of raw material, equal, in proportion to the extent of area, to any other country in the world.

For the superb collections of minerals, which appear to have been the theme of universal admiration on both occasions, the country is mainly indebted to the Geological Survey of the Province, and the unwearied exertions of its Director, on whom Her Majesty has recently conferred the merited honor of Knighthood. The fruits of his labors are only now beginning to be developed, and his untiring zeal, energy and disinterestedness, cannot be over-estimated; and, with these convictions, it is incumbent on the people of this Province to show that they fully appreciate the great benefits rendered to their country, by a unanimous expression of their approbation of Sir W. E. Logan's services as Director of the Geological Survey, and as one of their principal representatives in London and Paris.

It is scarcely possible, in a brief communication like the present, to convey an accurate idea of the labor and diligence with which Sir W. E. Logan has conducted the Geological Survey of Canada; but to impress the fact upon those who are little aware of the magnitude of his undertaking, it may be well to record as concisely as possible the results of the investigations carried on under his direction, and in