

annual is entitled the "Technic," containing matter well and clearly written. Having about 100 pages of varied subjects, it serves the purpose of a very instructive text book, and also as a book of reference. Electricity, Architectural Engineering, and Mathematics of Least Squares, all receive a thorough and intelligent consideration; nothing of practical importance being untouched.

We are also indebted to the Provincial Land Surveyors for their exchange: "The Proceedings of the Provincial Land Surveyors of Ontario." It is a publication containing much useful information to the intending P. L. S., giving at once clear and concise descriptions of operations and works connected with surveying, which prove of great assistance to the comparatively inexperienced practiser, and serve as a reliable source of information upon which to base similar operations or structures.

In the "Extracts from Mr. H. E. T. Haultain's Letter," a somewhat detailed description of the duties of the Mining Engineer is given. It conveys the impression that mining engineering should be a distinct and complete course of itself, and although at present we have it combined or included in civil engineering, yet the practical work in both is to a great extent of distinctive character. It would also appear from his description that the civil, mechanical, and electrical were included or were, at least, very requisite in the location, management, and operation of a mine and its varied machinery, etc.

In two or three of our previous numbers we are indebted to Mr. Haultain for some very excellent and practical papers and letters on his own work. Much interest is excited and much instruction derived from communications of this nature. It is to be hoped that many of the other graduates, who have not yet done so, may favor us with something similar; for the experience of those graduating from the school proves interesting to a greater extent than papers wholly prepared from compilation or reading. To those who hope to follow in footsteps of the graduates, nothing of the outside practice is more closely connected with them and their work than the experience of those who have so closely preceded them.