

Detonators. Composition and care of same. Blasting General safety hints. Transportation and storing of explosives. Laws regarding explosives.

Measurement of earthwork, earth, rock water, and ores deserve attention. Weight of ores, rocks, metals, and water per cubic ft per ton of water, ores, rock, earth &c in the solid or broken, with impurities, which is their usual state. Measurement of ore water &c, barrels.

*Arithmetic.* Such branches as are necessary.

*Bibliography.* A list of books for reference noted more for conciseness and simple language in necessary branches than as exhaustive treatises which are too often recommended.

This chapter is offered only as a suggestion that appears to me possible to carry out and which certainly is urgently needed. That a course of instruction on these lines if carried through would be beneficial to the province, no thinking man can deny. A perusal of Chapter XXII, "Some hidden Bonanzas," will convince the reader that there are yet in Nova Scotia nearly 100 undiscovered leads of much value. Some of these, though searched for at intervals for nearly 50 years past, have defied the efforts of the old style prospector. And yet in justice to his dogged perseverance without funds, he would have done better had he been properly supported by some of those who have put Nova Scotian money into foreign mining stocks by the hundreds of thousands of dollars. It would no doubt pay better to pay for the education of some of our intelligent young men on the lines suggested above and set them to work in the search for some of our own bonanzas, than to drain the province of our surplus cash in some outside get-rich-quick scheme.