

TO THE HON. WILLIAM GARVIE, M. P. P.,
Chief Commissioner of Public Works and Mines.

SIR,—

In compliance with the instructions of the Hon. Robt. Robertson, M. P. P., under date October 27th, 1870, I have the honor to submit a Report on the structure of the Gold Districts of Mount Uniacke, Oldham, and Renfrew, together with such observations on the treatment of Gold bearing quartz and Gold bearing minerals generally as might conduce to the spread of information on these subjects.

The present condition of Gold mining in Nova Scotia appears to be due far more to circumstances which can be controlled than to any diminution in the yield of Gold, and although the depression which obtains in some Districts is the reverse of encouraging, it is to be attributed to causes which time and experience will remove.

Little or no improvement has taken place in the treatment of auriferous rock, and the same may be said, with a few striking exceptions, of the mining practice pursued.

A knowledge of the distribution of the Gold, or as it is termed the 'Gold streak,' is essential to the successful pursuit of Gold mining on the comparatively thin lodes which are found in Nova Scotia, and great benefits would result to mine owners if careful attention were generally given to the recording and the delineation of the 'Gold streak' on each lode, for future reference and comparison.

Especial attention is called to this subject in the text, and numerous instances are given of well defined 'Gold streaks,' and of the application of the knowledge thus acquired.

I have the honor to be,

Your obedient servant,

HENRY Y. HIND.