

per ton, and yet yield very handsome returns; but this result is only attained by crushing large quantities of cheap ore of low grade with the strictest economy. The profit being in fact derived from the tailings, the actual yield of the stampers paying working expenses of the mine only.

There can be no doubt, as far as present appearances warrant the expression of the opinion, that if the Strawberry Hill mine is conducted on these principles, it will not fail to produce very satisfactory returns.

XIV.—CONCLUSION.

A careful review of all the facts observed on this property, establishes the opinion that a change in the plan of operations hitherto pursued, (namely, the extraction of rich ore from a small and diminishing lode) to the mining of abundance of mineral of comparatively low grade cannot fail to be permanently remunerative.

The available ore for crushing purposes is practically inexhaustible, and ample for a mill of twice the capacity. The abundance of the lodes is such as to permit of very cheap mining. The yield hitherto obtained warrants the firm expectation that they will prove highly remunerative with economy in their manipulation.

Among the suggestions which might be offered, are the adoption of a weekly record of work done with illustrative plans or diagrams, to serve for both present and future guidance. Frequent analysis of the tailings to ascertain the loss of gold; the adoption at the outset of a plan of operations, and the immediate introduction of those artifices, which all experience in every gold mining country suggests to save gold.

An outline of these different items is subjoined.

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