

company as the Wilson Gold Mining Company, at the outside more than twenty-five thousand dollars. Many can be had for much less. Now a fifteen stamp mill, if run properly, will crush in twenty-four hours at least one and one-half tons per stamp—twenty-two and one-half tons per day; or say for even calculation, twenty-two tons. To mine and place this quartz in mill ready for crushing is worth from five to six dollars per ton to crush it, one dollar and fifty cts per ton; expenses of management, wear and tear of machinery, incidental expenses and royalty, two dollars per ton; or in all, taking six dollars as basis of mining, nine dollars and fifty cents per ton. Presuming quartz yields at lowest estimate twelve dwts., you can call it in round numbers twelve dollars, as Nova Scotia gold, as a rule, is worth one dollar per pennyweight, and you have as a margin two dollars and fifty cents per ton, and on twenty-two tons, fifty-five dollars net profit for the day's work. If your mill runs three hundred days in the year, \$16,500 will be the net earnings, equal to over sixty per cent. on a capital of \$25,000, which I think should satisfy any ordinary individual.

But this must be taken as a comparison in which everything is favorable, and in which I have figured prices on a common sense basis, allowing fair margins for mining, crushing, management and incidentals, and taking lowest value of ton at twelve dwts.; thus showing clearly that gold mining, if handled rightly, can be made to pay in Nova Scotia handsomely.

I have dwelt rather long on this question, but I feel convinced that in the interests of common-sense and justice, and as a guide to investors, some such evidence should be given, for two reasons: First, to enable investors to steer clear of sharks who seek to gull them, and secondly, to show in an honest, upright and unquestionable way, that if capital is honestly applied in the right way, the investments in Nova Scotia gold mines are just as safe, honest and legitimate, as any other investment in the country; and should any of our readers at any time desire further explanation, and will apply to you, Mr. Editor, for the same, I will be glad, so far as I am able, to give them square, straight forward information on the mining industries of Nova Scotia, and New Brunswick also, which is coming into note in many ways of late in the mining line.

When any of our readers, or a number of them, want to try a *bona fide* gold-mining speculation in Nova Scotia, and can afford to put up a capital of \$20,000 or \$25,000, paying for their stock at par, and no kite flying or "funny business," as it is termed, I will be pleased to guide them in their efforts, and I think place them in line for getting a fair return for their investment; otherwise I prefer not to mix up in the matter at all.

One more point, and it will be of service to those who may think of investing in Nova Scotia gold mines. The leads in Nova Scotia are of two classes as a rule, small narrow leads, showing gold freely and richly, and the large and wide leads, running from two to fifteen feet wide, giving gold in small quantities, as low as five pennyweights on an average. In the former case it costs more to mine, as much dead or waste rock has to be moved to get the quartz, and the cost of mining varies considerably. In the latter case there is no loss in mining dead-rock, and consequently, in the majority of cases, the low grade, wide leads, pay better than the narrow rich ones. It is simply a case of capital and plenty of machinery.

There are many other features I cannot treat of now, but which may come in again. If these remarks, such as they are, and longer than I intended, will serve in any way to open the eyes of the public to guard against the "kites" of speculators who prey upon them, then it will have been time not spent in vain.

**NICKEL IN DIGBY COUNTY.**—Dr. Wilson, of Boston, Mass., has, within the past month, taken up some 860 acres of mining ground in the vicinity of Bear River. During the past week he has been on the ground with two experts and apparatus for assaying. Although not in his confidence, we are satisfied that a valuable discovery has been made. Should it prove to be nickel in paying quantities, we may prove a rival to Sudbury, in Ontario, where we should (from an application of a Mr. Ritchie, to the Dominion Government for a guarantee of interest on \$5,000,000 capital for the construction of railroad and smelting), suppose that they had all the nickel in the world. And we feel confident that the Government will not aid by so large an amount, a private speculation, nor as suggested by a correspondent of the *Herald*, put an export duty on an undeveloped article, strangling in its infancy what may become a valuable industry to our Province.

Nickel occurs in many countries of Europe, in metamorphic, syenitic rocks, etc., and is generally associated with ores of cobalt, copper, silver and lead. In Sudbury it occurs between magnesian limestone and serpentine. There are four ores of nickel, viz., arsenical nickel, nickel glance, emerald nickel and a silicate, found only in New Caledonia.—*Gold Hunter*.

**GOLD RIVER.**—The new Vermillion lead on the Jumbo block at Gold River yielded from 41½ lbs. rock mortared 38 ozs 9 dwts. of gold. The mill is not yet running, but during the past 4 months enough gold has been mortared out to pay working expenses.

**Georgetown, Demerara, December 3, 1890.**—Exports of gold are steadily increasing. They were from Nov. 17th to December 1st 2,638 ozs. 11 dwts. 7 grs., valued at \$46,944.88, making a total to date this year of 52,298 ozs. 16 dwts. 12 grs., valued at \$940,183 89.

**CONSUMPTION CURED.**—An old physician, retired from practice, having had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all throat and Lung Affections, also a positive and radical cure for Nervous Debility and all nervous complaints, after having tested its wonderful curative powers in thousands of cases, has felt it his duty to make it known to his suffering fellows. Actuated by this motive and a desire to relieve human suffering, I will send free of charge, to all who desire it, this recipe, in German, French or English, with full directions for preparing and using. Sent by mail by addressing with stamp, naming this paper, W. A. Noyes, 230 Powers Block, Rochester, N. Y.

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