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MINING.

There is a much more determined feeling in gold mining circles, and some of the old hands who have been keeping quiet for months, are beginning to wake up and take an interest in what is going on.

The Commissioner of Mines has advertised a large number of properties in Guysborough County for forfeiture, and perhaps these mines will fall into the hands of parties who will work them and put new life into the district's.

We say perhaps, as there are so many ways of getting around forfeiture proceedings, that the old owners will doubtless find means of securing their properties, either by coming in under the rental act, or by making delayed returns of labor done. In any event the Provincial exchequer will likely be enriched, and the owners will have to pay the piper.

LAKE CATCHA.—With two mines working, the Oxford and the Anderson, this now noted district should again come to the front as a gold producer, and the owners of other claims should be encouraged to continue prospecting.

GOLD RIVER.—No news now comes from this district, which at one time gave such promise of success. Prospecting has been vigorously conducted, and the Neptune Company worked some promising leads, but for want of capital or faith, or both, active work has ceased, we trust only for a time.

MOOSELANDS.—The Mooselande Gold Mining Co. continue operations on their primary property, and are now equipped with steam hoisting gear, pump and stamp mill. Prospecting elsewhere in the district shows encouraging results.

The following are the official gold returns so far received at the Mines office for the month of August:—

District.	Mill.	Tons Qtz. Crushed.	Ozs. Gold.
Sherbrooke.....	Miner's	39	16½
*Salmon River.....	Dufferin.....	550	122
Oldham	Concord.....	4	15½
Waverly	Windsor Junction.....	112	11½
Moose River.....	Moose River Co	70	13½
* do.	D. Touquoy.....	397	82
S. Uniacke.....	Eastville (July).....	18	226½
do.	do. (Aug.).....	20	23½
Lake Catcha.....	Oxford.....	168	73
Wine Harbor.....	McNaughton.....	234	30½
Malaga.....	Malaga Co.....	98	123½
15 Mile Stream.....	New Egerton.....	350	163½
*In July 600 tons yielding 101½ ozs. gold.			
*Surface soil 265 tons qtz. 132 tons.			

SOUTH UNIACKE.—As will be seen from the above returns the Eastville Mine, South Uniacke, yielded 226½ ozs. gold from 18 tons quartz in July and 23½ ozs. from 20 tons crushed in August. Messrs. Thompson & Quirk, the fortunate owners of this mine, are to be congratulated.

15 MILE STREAM.—The New Egerton Mine continues its large yield as will be seen on reference to the table of gold returns.

MONTAGUE GOLD MINES.—The celebrated *Annand Mine* is still holding its record of golden nuggets, having brought up a magnificent one on Tuesday, upwards of \$1,400 worth, and this at a depth of 225 feet, in west of No. 4 shaft, which proves the deeper they go the better it gets; and now they have their new pump in, and also a fine new mill with all modern improvements, and built of the best material. The castings are from the foundry and machine shops of I. Matheson & Co., of New Glasgow, which is sufficient guarantee of its strength, durability and finish, and under the superintendence of Mr. George Bell, of Preston, the old reliable Mill Wright, we have no hesitation in saying, it will be second to none in the Province. It will be ready for operation in ten or twelve days. Mr. Annand, the owner, has spared no pains or expense, either inside or out, to have the very best mill, as we believe he has the best gold mine in the Province. Mr. A. P. McQuarrie, the manager of this mine, has also started the Montreal Mine on the Nugget Lead with promising results up to the present. Mr. Pratt, who is operating on the Sutherland Mines, is showing up some very fine gold, so good that he is going to build a crusher right away. We wish him every success, more anon.

GOLD MINER.

A NEW ELECTRICAL CHLORINATION PROCESS.—The first practical demonstration of the extraction of gold by means of chlorine is, it is believed, due to the late Professor Plattner, upon whose discovery all subsequent improvements are based. The most noteworthy modifications and improvements are those of Calvert, Jackson, Ott, Mears, Deeken, Patra, Roesner, Hauck, Nowbory, and others of less note. The introduction of electricity in the extraction of gold is of more recent date, and the leading names of those who first adopted this method are Pichon, Ancel and Mario, and Cassel. Mr. T. Rant, M. E., of Sydney, has just introduced an electric-chlorination process, says the *Australian Mining Standard*, in which he claims to have overcome the vital defects before experienced in electrical chlorination, viz., the getting rid of the sequent hydrogen and sodium as they are formed by the electric current when passing through the electrolyte. In all processes where the hydrogen cannot be kept separate from the chlorine

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