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## MINING.

*Items From Our Travelling Correspondent.*

**ISAAC'S HARBOR.**—Isaac's Harbor is the name of an important mine and fishing settlement on the Atlantic Coast of Nova Scotia.

The harbor itself, which is but a branch of Country Harbor, runs several miles inland, for the most part between bold and rocky shores.

The settlement, which extends along both shores of the harbor almost all the way from the mouth to the head, is large and rather nice in appearance, especially on the Western side. Many of the houses are large and well built, and being situated upon a rising ground, command a fine view of the really magnificent harbor.

It is now many years since gold mining was first engaged in at this place, and although the industry has always been an important one and times has been prosecuted with considerable vigor and success, still we think we may safely say that the business is as yet only in its infancy.

Time and space will not permit of our reviewing to any considerable length the history of past workings, so we will at once begin to give a brief description of the present important properties, with just enough of the past records to convey a faint idea of their general character, so that you may the better understand the position of each one as it stands.

One of the oldest and most important Co's. operating at this place known as the "Rockland Gold Mining and Milling Co." The property owned by this Co. was formerly known as the "Gallihar," and has been extensively worked; but is now operated only by tributors.

Although not operated by the Co. at the present time, arrangements being made for equipping the mine with an improved system of power transmission and for working on an extensive scale. This property, which is a high and rocky hill situated on the eastern side of the harbor, has fine large and well equipped mill, which has been lately employed crushing for the "Palgrave" and "North Star" Co's. Mr. H. K. Fish, Genl. Manager, who is also President and Manager of the "North Star" and Manager of the "Palgrave," has a beautifully fitted office and residence situated on the hill near the Rockland mill, and commanding a fine view of the harbor together with the three properties of which he is manager.

The principal leads on the Rockland property are the Mulgrave and North Mulgrave. The former was worked some 20 years ago by a Monte Co. composed of Sir Hugh Allan and associates. Considerable work has been done on this lead and a large quantity of gold obtained. The shaft is 325 feet deep, another 270 feet and several others over 100 feet. The North Mulgrave lead is opened for a distance of 500 feet to a depth of 275 feet on two levels.

After the Rockland, perhaps the most important property is the Palgrave, situated on a tongue of land, known as Hurricane Point, running into the middle of the harbor. This mine is at present closed down on account of a dispute between the Palgrave Co. and the MacMillan Co.

This mine, which has two shafts, each 125 feet deep, is opened up the vein for a distance of 400 feet. The lead is from 8 inches to 24 inches wide and gives an average yield of about 16 oz. per ton. Since it was discovered, over two years ago the total yield of gold has been over \$84,000.

The next most important property is the "North Star." This mine, situated on the western side of the harbor on the same range as the Palgrave, is developed to only a limited extent, although the prospects are reported to be good. The mine is well equipped with new shaft-house, boiler house, engine-house, carpenter-shop and boarding-house, all commodious and substantial buildings. The Burke lead, a part of the North Star property, yet an entirely separate mine, is opened up about 100 feet the vein and shows quartz carrying free gold.

The North Star Co. has commenced a system of development, which it is expected will allow the mine to be worked to better advantage than is now possible. The Co. contemplates building a 10 stamp mill in the future, and thus do away with the expense and trouble entailed in getting the ore to the Rockland mill, where it is now crushed.

**THE MINE INSPECTORS MINE GAS TESTING APPARATUS,** the invention of Mr. Thomas Shaw, of Philadelphia, is winning golden opinions from leading mining engineers and practical miners in the United States. C. Keighley, Mine Inspector, 5th Dist., Pa., speaks in the highest terms of the apparatus in his official report in 1889 and it is being adopted for use in most of the leading collieries in Pennsylvania and Ohio.

It will be remembered that the apparatus was exhibited in this Province last summer by Mr. Wilson, when it was endorsed by our leading mining engineers as the best machine for testing gases ever seen by them.

We understood at the time that the apparatus had been ordered for the Inspector of Mines by the Local Government, and hope that one may be in use here.

We have to acknowledge the receipt of a very neat circular from C. F. Sherman, Manager of the Gould Reduction Company, setting forth in brief form the merits of The Golden Gate Concentrator of which, as we have previously announced, he is the agent.

At the annual meeting of the stockholders of the Joggins Coal Mining Association, held at St. John, the old directors were re-elected. The Canada Coal Company, now operating the mines under an option of a year, asked extension of time in which to complete the purchase. A committee of three was appointed to deal with the matter.

**LAKE CATCHA.**—John Anderson is still prospecting on his area of the Oxford property and has opened up some fine gold bearing leads.