



NO. 1 SHAFT HOUSE AT SAW MILL.

From a photograph taken by Mr. J. T. Cooke of Port Arthur, we reproduce No. 1 Shaft House of the Saw Bill Lake Gold Mine. This building covers the shaft, which is now down about 150 feet, and also the boilers and hoisting engine, from 40 to 50 buckets of ore a day are being brought up, the result of development only. When milling commences this output can be increased to 80 tons a day and still enable the company to keep a year's supply ahead of the mill.

THE WORLD MAN IN ALGOMA.

A Visit to the Hammond Reef, Now Being Developed.

WORK BEING CARRIED ON.

A Property in Which Many Torontonians Are Interested Shows Up Well.

Their Unsettled Ore Test - No Costly Shafting or Drilling is Needed - Other Valuable Deposits in the Same Locality - The Mine, Camp and How - The Golden Future Gold Mining Company.

Port Arthur, June 21 (Special). - After concluding my investigations on the Hammond Reef property, as recorded at the last writing, I visited the two adjoining lots to the southwest, known as mining locations 337 and 338, upon which the much-talked-of Hammond reef, or reef, is being developed by the Hammond Reef Gold Mining Co.

This deposit is believed to be quite unique in the history of gold mining. In its natural state it is from surface indications simply an immense mineralized ridge or hummock of gold-bearing rock, from 100 to 500 feet wide, from 50 to 150 feet in height, and four and a half miles long, with a strike towards the southern shore of Saw Bill Lake. Wherever opened up along its length, the huge mass seems to be highly mineralized and, moreover, test pits sunk have proved it to be enclosed between well-defined walls. So far as investigated the body is thus shown to be a monster vein of almost perpendicular stratification, with a slight easterly dip, and running north and south at 25 degrees east. The smooth, clear-cut walls are faced with a rusty-red material of dioritic formation, commonly known as gneiss, while the dyke matter itself is of quartz and chlorite, rather mixed, varying widely in appearance in different parts and being at places of a decided talcose-structure. From locations 337 and 338 the dyke extends to the west right across the Saw Bill and Golden Pinesur properties, and to the west for nearly 30 miles. For the present, however, development operations are confined to these sections of the reef upon the Hammond Reef Gold Mining, Golden Pinesur and Kabawong Companies' holdings.

The work carried on so far by the Hammond Reef Gold Mining Company, of which Mr. Richard Cartwright is president, in which many Torontonians and other easterners are interested, and over which Mr. James Hammond, the original owner of the reef, has supervision as manager, is now beginning to show of what the reef is composed. On 337 a cutting 250 feet long and 40 feet deep has been run right across the reef. Out of this opening 2500 yards of rock have been taken, and from its centre quarried is being done in a large open-pit mineralized seam it is here over 100 feet wide, the ore taken out being conveyed to the dump near the mill site, over a low level tramway. For 30 feet or more down from the surface the ore body has been largely decomposed by oxidation and a large gang of men are employed in getting out the vein matter with steam and hand drills, pick and shovel, and loading it upon a train of tramcars, which is drawn by horses to the stock pile. An idea of the plenty in which the gold-bearing rock is found may be conveyed by the statement that this tramway is ballasted with material which freely passes the previous metal. In the quarry referred to striations and bunches of the ordinary milk-white quartz frequently appear, but the most of the vein matter is of a grey-brown schistose formation, carrying small veins of galena and iron and copper. On the dump the stuff at first glance looks like non-productive country rock, but a closer scrutiny shows the stuff to be really all highly mineralized quartz, and from the least promising of it Mr. Hammond planned for me a surprising showing of colors.

A Good Assay. In this connection it may be said that it was out of the vein of ore sent to Kingston, where, under a mill-test, it ran 317 to the ton. Of course it is not asserted by any means that all of the huge deposit will go that high, but should its value average 34 to 35 right across the dyke and there is little doubt that the milling returns will be much above that figure, the proportion is a large one, and, under skillful management, a sizeable dividend pays.

Several hundred yards to the west along the dyke, and that much nearer the mill in the centre of the ore body, there is also the boiler and hoisting engine, from 40 to 50 buckets of ore a day are being brought up, the result of development only. When milling commences this output can be increased to 80 tons a day and still enable the company to keep a year's supply ahead of the mill.

depth in Shaft No. 2, and that they pan every foot of it and find gold every time. They are now working two shafts having started a night shift on the 17th, and they expect to reach the 50-foot level by Dominion Day. At that level they will cross-cut to the vein.

General of Mr. Wm. Hammond. The funeral of Mr. Wm. Hammond, late organist of St. James' Cathedral, took place at 10 o'clock yesterday afternoon at St. James' Cathedral, after leaving the house at 528 Sherbourne-street, the funeral service proceeded to St. James' Cathedral, where the impressive burial service of the Anglican Church was read by Bishop Sullivan, who also touchingly referred to the death of the late organist and chorist. There was special music by the choir, several members of which acted as pallbearers. After the ceremonies in the church the remains were taken to St. James' Cemetery and interred. Bishop Sullivan again officiating. Among many beautiful floral tributes were the floral note from the choir of the Cathedral.

Rev. William B. Bell Buried. The remains of Rev. William B. Bell, pastor of the Presbyterian churches at Kingston and Bothwell, who died suddenly on Saturday morning, were conveyed from his residence at Bedford-street, yesterday afternoon and interred in the Necropolis, in the presence of a large concourse of friends. The services were performed by Rev. Dr. Smith of Port Hope, and the Presbyterian Church was well represented. The casket was carried by the four sons and two sons-in-law of the deceased. Upon the breast of the deceased a medal obtained for military services, and a recognition of the services, the casket was draped with the Union Jack.

Navigation Notes. The steamer Lakeside, it is calculated, was only damaged to the extent of \$2000 day. She made her usual trips yesterday. The Attorney-General will be asked to make an investigation. A large number of American visitors came on the various steamers yesterday to spend Jubilee Day here. The steamer Corwin had on board Saba her trip yesterday. The schooner Algonquin, with 627 tons and crew with 402 tons, arrived and cleared yesterday. Vesselmen are complaining of the condition of the elevator chimneys. Commissioners can take no action until the Government works there are completed.

Wedded on Jubilee Day. A very pretty wedding took place at the residence of Mrs. George McCluskey, 15 Louisa-street. The contracting parties were Miss Mimi Gilman and Mr. Alex. McCluskey, both of Toronto. The ceremony was performed by Rev. Dr. Prigg. The bride was attended by Miss Jennie E. McCluskey of Orangeville, while Mr. Walter R. Frick of Barrie acted as groomsmen. The many presents to the bride were useful and valuable. After partaking of a tastefully prepared wedding dinner, Mr. and Mrs. Alex. McCluskey left by the evening train en route for Montreal, Quebec and other places.

THE SAW BILL IS HAMILTON'S BONANZA AND THE Princess Mine IS ONTARIO'S. Stock for sale at 25 cents. Non-Personal Liability. E. McLeod, President. J. Platt, Wholesale Merchant. H. O'Brien, Vice-President. H. O'Brien, Major Greville Harston. Thomas Thomson, Cashier. 71 Bay-st., Toronto.

HALIBURTON DISTRICT. To Prospectors, Capitalists and Others. The Canadian Land and Immigration Company (Limited) are prepared to give licenses to parties wishing to prospect for minerals in their townships on terms which can be ascertained on applying to the undersigned. Copper-carrying gold in considerable quantities has lately been found over a considerable portion of the township of Harbord. Ore-carriers of Harbord and Gifford, and considerable quantities of mineral have been found in the immediate neighborhood of the township of Harbord. It is possible to suppose that this valuable mineral will also be found in other townships.

W. C. DOBIE & CO., PORT ARTHUR, ONT. Jobbing and Retail Grocers. Men of long experience have charge of our Exploring, Mining and Sampling Orders. Stocks kept on hand. Prompt replies. Write for information. Correspondence invited. Passed to furnish estimates of cost of any proposed trip or work.

SLOCAN-CARIBOO 100. With both Silver and Gold properties in the Yukon. Roseland 120, Eastern Bell 90, R. E. Lee 120, Silver Bell 440, Smutze 180, Dex 300, C. G. Fields 140, Yale 300, Princess 250, Cariboo 500. If you want a ground floor mining investment, write to us.

MINING STOCKS. Write to us for full particulars if you want to invest in gold-bearing mining stocks. MINING STOCKS. CANADIAN MINING INVESTMENT CO. TORONTO OFFICE. ADELAIDE AND TORONTO STS.

White Bear VERY Dominion Dev. SPECIAL LOWEST QUOTATIONS. R. E. Lee, B. C. Cold Fields, Polley, Smuggler, Eastern Mining, R. S. WRIGHT & CO., 99 Bay Street.

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TIN HORN. Will give 150 shares SMUGGLER. CAN sell at 1700 ONTARIO C. FIELDS. Write Canada Can Co., Dundas, Stock to exchange for Mining Stock. JOHN A. MOODY, STOCK BROKER, 100 KING ST. W., LONDON.

Didn't see the Goats. A mother took her 6-year-old son to a well-known up-town church last Sunday. When they returned home the father asked him how he liked the service and the decorations. "Oh, they were very nice," said the youngster. "But I didn't see the goats." "The goats?" said the father, "what goats?" "That put it into your head that they would have goats?" "Another said they would have flags and banners. I saw the flags, but they didn't have the goats to do the banners."

They Say He's Crazy. Portland, Ore., June 21. - A. D. Anstey, the California lawyer who asserted that he could furnish evidence that would save Theodore Durrant from the gallows, has been adjudged insane, and will be taken to the asylum.

Princess Mine. The Irish Protestant Benevolent Society sent the following cablegram to the Queen through her private secretary, Mr. A. Bigger: "The Irish Protestant Benevolent Society of Toronto respectfully commends Her Majesty Queen Victoria, and earnestly prays God Save Her Majesty."

Not Portage June 16. - Mr. Collins reports that the ore is improving with

Peninsular Park Hotel. BIG BAY POINT. Lake Simcoe. Via Barrie, Ont. Canada's Great Summer Resort. OPENS JUNE 15th. Beautifully Located on Lake Simcoe; all the latest modern improvements; electric lighting; hot and cold baths, etc. Extensive lawns for tennis, croquet, bowling, etc.; swimming, boating, fishing, bathing, etc.; table d'hôte; perfect sanitary arrangements, water pumped direct from Lake Simcoe. A fine steamer, the property of the hotel, meets all trains at Barrie and is run exclusively for the convenience of guests. Terms - \$3.00 per day, \$5.00 to \$10.00 per week, according to location. Special rates made for families intending to remain a length of time. M. McCONNELL, 40 Colborne St., Toronto.

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White Star Line. Royal Mail Steamers, New York to Liverpool, calling at Queenstown. SS. BRITANNIC, June 23, noon. SS. MAERTENS, June 25, noon. SS. GERMANY, June 27, noon. SS. TITANIC, July 1, noon. Superior Second Cabin accommodation on mail service to Chas. A. Phipps, Gen. Agt. for Ontario, 4 King-street east, Toronto.

Tickets to Europe via Montreal and New York. For full particulars apply to S. J. SHARP, New address: 65 Yonge St. Tel. 2000.

NOTICE! Leave your order for Transfer of Baggage at Verral office, and checking office, 2 KING ST. EAST. Baggage checked at residence to destination. 246

INLAND NAVIGATION DOUBLE TRIPS EMPRESS OF INDIA and G.T.R. System. Daily at 7.40 a.m. and 3.30 p.m. for ST. CATHARINES, NIAGARA FALLS, BUFFALO, ROCHESTER, and All Points East. Tickets at all G.T.R. and leading ticket offices and on wharf.

STEAMER LAKESIDE To St. Catharines, Buffalo, New York. Leaving Yonge-street Wharf (east side, ready at 8.40 p.m. for ST. CATHARINES, connecting at Port Dalhousie with G.T.R. for stations on the Ontario Division, Niagara Falls, Buffalo, N.Y., and all points east.

NIAGARA RIVER LINE. Niagara Navigation Co. FOUR TRIPS DAILY. (Except Sunday.) Steamers CHIPPewa and CORONA will leave Yonge-street Wharf (east side) at 7 a.m., 11 a.m., 2 p.m. and 4.45 p.m., connecting with the New York Central and Hudson River Railway, Niagara Falls and Lewiston and Niagara Falls Park & Hotel Railway.

Tickets By the following Fresh Water Steamers: Chicago, Chippewa and Corona, leave Toronto at 8 a.m., 11 a.m., 2 p.m. and 4.45 p.m. Empress of India, leave Toronto 7.30 a.m. and 11 a.m., 2 p.m. and 6.15 p.m. Lakeside, 8.40 p.m. Book tickets at \$5 and \$10. S. J. SHARP, 7 doors south of King-street.

OAKVILLE STEAMER GREYHOUND. Will leave Milroy's Wharf at 8.30 a.m., 5 p.m. and 9 p.m. Returning - Leave Oakville 7.15 a.m., 11.45 a.m. and 7 p.m. Wednesday and Saturday Excursions. Leave Toronto 2 p.m. Returning - Leave Oakville 7 a.m. Tickets at office on wharf. Bicycles carried free. \$1.00 from Toronto cancelled on Wednesday and Saturday. Tel. 3324.

Dominion Day JULY 1st. STR. "GARDEN CITY," Whitey and Oshawa. Leave Oshawa Wharf at 8 a.m. and 8 p.m. Tickets for sale at all leading ticket offices and at office on wharf.

LORNE PARK. Commencing Saturday, June 12, steamer GREYHOUND will leave Milroy's Wharf at 8.30 a.m., 5 p.m. and 9 p.m. Returning - Leave Lorne Park at 3.30 p.m. and 7.30 p.m. Round trip \$2.50. Tickets at office on wharf. Bicycles carried free. Phone 2558.

HAMILTON STEAMBOAT CO., Limited. Steamers Modjeska and Macassa. DIAMOND JUBILEE EXCURSION. Return tickets will be sold Monday, June 21st, and Tuesday, 22nd, good returning up to Wednesday, 23rd, at 75c. for round trip. Boat leaves 7.30 and 11 a.m., 2 and 5.15 p.m.

MONTREAL and \$14 RETURN SINGLE 7.50. Go during season, including meals and berth, every Tuesday and Saturday at 2.30 p.m. Per Favorite Steamers PERSIA AND OCEAN. Apply BARLOW CUMBERLAND, 21 Yonge St. ROBINSON & BATH, 40 Yonge St. or W. A. CEDDES, at Wharf.

NIAGARA FALLS PARK AND RIVER RAILWAY. Connecting at Queenston with Niagara Falls. This line affords the only satisfactory means of seeing every point of interest on the Canadian side cheaply and quickly, and without any extra charge other than the railway fare.

"An Old, Aged Veteran." Among the Veterans in the procession today will be noticed Mr. William Bell of Scarborough, who was born in the township 50 years ago and who served for 15 months during the rebellion of 1837-38, in the 1st Battalion of Incorporated Militia, under Sir Allan McNab, Colonel. Mr. Bell still preserves a copy of his discharge.

ISLAND SERVICE. STEAMERS JOHN HANLAN AND ADA. Every accommodation for pleasure and business, every half hour for Island Park and Ward's Island.

DOMINION MAIL STEAMSHIP S. Liverpool to Montreal. Steamer, From Montreal, From Quebec, Labrador, June 25, daylight, June 27, daylight, Vancouver, July 10, daylight, July 11, daylight, Scotland, July 17, daylight, July 18, daylight, Labrador, July 31, daylight, Aug. 1, 9 a.m., 2 p.m., 5 p.m., 8 p.m., second cabin, \$24 to \$30.25; steerage, \$22.50 to \$23.50. Mid-Atlantic electric light, spacious promenade deck. A. F. BURNETT, King and Yonge-streets. D. TORRANCE & CO., 240 Queen-street, Montreal.

Quebec Steamship Company. The Best Water Trip on the Continent. The favorite twin-screw steamship Canada is intended to leave Montreal, 2 p.m. Monday, July 6, 10 August 2, 10 for Pointe-a-la-Paix, calling at Gaspé, Pointe-a-la-Paix, Gaspé, Percé, Summerside and Charlottetown, and connecting with the Halifax, N.S., St. John, N.B., Portland, Me. and New York. For rates and tickets apply to HAWLOW CUMBERLAND, Agent, 24 King-street, Montreal. ALTHUR AHERN, Sec., Quebec.

GRAND TRUNK RAILWAY SYSTEM. DIAMOND JUBILEE RETURN TICKETS FOR SINGLE FIRST CLASS FARE. Good going all trains June 21, all trains June 22, returning until June 23, 1897. TO ALL STATIONS IN CANADA. Dominion Day, 1897, Will issue Return Tickets at following rates: SINGLE FIRST-CLASS FARE. Going June 30th and July 1st, Return until July 3rd. SINGLE FIRST-CLASS FARE AND ONE-THIRD. Going June 30th and July 1st, Return until July 5th, between all stations in Canada. FOR Canadian Wheelmen's Ass'n Meeting, July 1st. Will Sell Return Tickets from TORONTO to CHATHAM for \$3.00. Good to go June 30th and July 1st, return until July 6th. Proportionate rates from other stations. RETURN TICKETS FOR SINGLE FIRST CLASS FARE. Good to go June 21, 22 and 30 and July 1. Good to return after date of issue. And good to go June 21, 22 and 30 and July 1. Good to return after date of issue. Toronto to Detroit and return - \$4.00. Good going 9 a.m. train July 1st, all trains July 2nd. Valid to return July 6, 9, 10, Toronto, Ontario, Kingston, Union Station, North and South Parkville.

