100 Different Styles, At MOORHOUSE'S ICE PITCHERS At MOORHOUSE'S CHEAP READING 1: All the latest Novels, and a general assert most of Books in every department of liberature at lowest prices At MOORHOUSE'S STATIONERY At MOORHOUSE'S Muron Signal. GODERICH, JUNE 25, 1879. DOMINION DAY mes expected to visit Goderich on that day. Inland attractions will fade be-fore the grand vista of delights which visitors will be enabled to look through ntil the wearied eyes shall have repo pon the placed waters of Lake Huron. whose becom may perchance be whitened with the sails of crafts of all sizes. God save the Queen and our fair (Reprinted from "Proceedings of the Engi Club of Philadelphia," Vol. 1, No. 8.) ROOR-SALT DEPOSIT RIO, CANADA. belrast from a paper by John Hy Handers, M. E., Member of the Club Read May 3d, 1879.

Read May Bd, 1879.

The town of Goderich, in the county of Harcen, is situated on the eastern shore of Lake Huron, on the south bank of the river Maitland, at an elevation of 105 feet above the lake. The surrounding sountry is entirely devoted to agriculture, its contour generally level and the town covers a considerable area of round, having wide streets and buildags of a superior character. (Maphown.) It is orderly, neat, clean, and as some reputation as a summer resort.

poins on the Great Lakes are all that can be desired. A glance at any good map will show the commercial importance of the situation, having in view the distribution of sait, or other product both by rall and water, with the proposed of compeling more successfully with imported and other sait producing division of the commercial proposed of compeling more successfully with the first less favorably endowed by nature than Gaderich.

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as by seen authorities it, is estimated as high as Do pounds. This large communities is the in a great measure to its cheapses, together with the large quantity used in satting was the communities of all kinds and from all sources in 1817 was 990,192 grout storage of this quantity all (267 tona, or 20 pounds per asign, was 190,192 grouts tons; of this quantity all (267 tona, or 20 pounds per asign, was 190,192 grouts tons; of this quantity all (267 tona, or 20 pounds per asign, was 190,192 grouts tons; of this quantity all (267 tona, or 20 pounds per asign, was 190,192 grouts tons; of the communities in the two-committees would be recommended in the two committees would be recommended by the proposed of the third of the document of the Dominion of Canada after the same rate we must add one-tenth, and the total consumption in the two-committees would be recommended by the proposed of the proposed of the total proposed of the prop

The first consideration in the devel-opement of mining operations would be the shaft-sinking, always an important bilt rarely a difficult operation in ground table from water, yet under the condi-tions known to exist would require

speeds to a mine is or the timost import, ande. Through it we not only raise the mineral, pump the water and wentilate the workings, but it is also the means of entrance or exit for those engaged in mining. Shafts are sunk in various shapes and sizes, the circular form being best adapted to sustain heavy be pressures. The design of twelve feet will give ample accommodations for hoisting, ventilation and drainage. There are, however, objections to single shafts, as it affords but one outlet for the source, however, objections to single shafts, as it affords but one outlet for the source of the similar permit operations to be carried on through a single opening only under certain restrictions. There is less objection to a salt mine worked through a single outlet than to a coal mine, for which these laws were especially tramed, for obvious reasons. The depth from the surface and the imperations to be ally tramed, for obvious reasons. The depth from the surface and the imperation workings from any influx from the strate locations, and the observed regularity of the salt bods proved by a number of bore holes in different locations, and the observed regularity of the stratification agree so well that we may feel confident that mining may be carried on with success.

Mining will be regulated by the demand and the seasons of navigation on the Lakes, usually from six to seven months.

The plant designed for this work contents are continued as a speed of hoisting the miners at 2000 feet per minute, 33 feet per second or nearly 23 miles an hour, is much exceeded in many coal mines. The engines at the Rossbridge Collery, Lancashire, lift coal from a depth of 2418 feet in 05 aeconds = 43 feet per second or nearly 23 miles an hour, is much exceeded in many coal mines. The engines at the Rossbridge Collery, Lancashire, lift coal from a depth of 2418 feet in 05 aeconds = 43 feet per second or nearly 23 miles an hour, is much exceeded in many coal mines. The engines at the Rossbridge Collery, Lancashire, lift coal from a depth

The specific gravity of the rock-salt in question, as given by Dr. T. Sterry Hunt, is 2·125, and a square acre one foot thick would yield 2582 gross tons. The second bed of salt described by the same authority, as "entirely fit for mining, and in some parts of remarks able purity; chloride of calcium -032, chloride of calcium -0

Friday evening, 20th inst. The mee

omining large readers of water answers of which the depth of 400 feet from the surface.

A recent trial under the English system of sinking and pumping the water until an imperious strais in such with, upon which to found the water that the surface with a class which to found the water than the surface with the surface of the surface water than the surface of 10 feet 6 inches, the work was absonded in quesquence of the overpowering indux of water under conditions not provided for. The water of the feet of proper of the theorem is a special to a special to make a grant of some amount to aid in other conditions not provided for. The water is a special to a special to the surface of 10 feet 6 inches, the work was absonded in quesquence of the overpowering indux of water under conditions not provided for. The writer, therefore, is of opinion that on known method of dealing with such swork is so applicable as that of "Kild Ohandran," described in the Transaction of the work.

In comparsson with mines in this country, in England and on the comitient of the work.

In comparsson with mines in this country, in England and on the comitient of Europe, 400 yards is not very deep.

The deepest mine in the United States is on the Comstock Lode, Nevada, 728 yards. In England, Rosebetige Oldiery, Lanasahire, 211 yards. On Austria, 1003 yards. Proposed shaft at Goderich, 400 yards.

Depth has been found to interfere with mining operations only when added to the provisions for yentilation and drainage have been wanting.

The construction of the ingress or geness to a mine is of the tumost import. A substitute of the work in the postpone of the countries, report to the countries, reliable estimates on the form of the postpone of the countries, reliable estimates on the form of the work. In a secondity of the work of the countries, reliable estimates and provisions for yentilation and drainage have been wanting.

The cons The Mayor stated the object of meet

making the request could not get any g mises. The count that it would be imprecedent to allow

T. Campbell and Is office across the secondary of the Lendon Conference, was ordained, declared to School Committee.

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The Patting of P. Fries and others requesting aid to build bridge across the Michael and 12 others were referred to School Committee.

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The Patting of P. Fries and others requesting aid to build bridge across the Michael and Michael and the Michael and the Michael and Michael and the Michael and Michael

salves.

The Queen vs. Richard T. Haynes, postmester, Sheppardton, charged with wilfully detaining a letter. Grand Jury brought in "No Bill." This prosecution would appear to have arisen out of petty illfeeling.

A new Division Court has been estab-A new Division Court has been established at Zurich. Michael Zeller, Clerk. Bossenbury, Baliff. Thos. J. Stinren, of the township of Stephen, Andrew McKensie, of Wroxeter, and James Payne, Grand Trunk Station, Goderich, were appointed constables for the county of Huron.

TOWN AND COUNTRY. decided not to hold a show this year.

ON A VISIT.—Mr. Thos. Graham, jr., son of Mr. Thomas Graham, of Ashfield, near Shepardton, is on a visit from Chicago to his friends here.

EXHIBITION.—The West Riding of Huron Agricultural Exhibition will be held in Goderich on 17th and 18th September, 1879.

ORDINATION.—Mr. F. H Sanderson, who some time since was appointed assistant of Rev. Dr. Ryckman, president of the London Conference, was ordained, Wednesday.

hear about his boat.

Losr.—An Iron Step from the wagon of Mr. Wm McCaig, Dairyman. It fastens on to the nut of the axle. Mr. McCaig will thank any one finding the above to return it to him.

A strawberry social under the auspicas of the Ladies' Aid of the Methodist church will be held in the beautiful grounds of Mr. Wm. McClean, on Thurnday evening, July 3rd. Refreshments and music provided.

Go Fon Trimm.—And now the Wingham Times is publishing the names of these who are away behind in their payments. That's right—go for them. People who won't pay for their paper ought to be black lettered.

Says the St. Catharines News:—At Ottawa Mr. Rykert shakes his fist in Mr. Cockburn's face, at the City Hall—Mowat's meeting, he threatens to slap a gentleman in the mouth—and at Port Dalhousis he call another gentleman a lier." Nice man Rykert. He will be in Goderich on the 12th July.

PROMPT STYLEMENT. — Messra. Henry Brubacher, Henry Cresman and lease E. Shants paid \$320 a piece into the Berlin Town Treasury the other day. They were sureties for Menno Eby, the missing Treasurer, and that is what it cost them.

BIELE CREESTAN CONFERENCE.—The

BIBLE CHRISTIAN CONFERENCE,-TI BREE CRESTAN CONFERENCE,—In e following are the appointments made by this Conference for the Exeter District: Exeter, Rev. Geo. Webber; Hensall, Rev. S. J. Allin; Centralia, Rev. J. W. Butcher; Mitchell, Rev. W. S. Pascoe; Fullarton, Rev. J. P. Rice; Clinton, Rev. R. Thomas and W. Chapple; Colborne, Rev. R. Thomas and W. Chapple; Colborne, Rev. Thosa Broad; Usborne, Rev. H. Newcombe and W. Spargoe.

H. Newcombe and W. Spargoe.

PROGRESSING.—The Leeburn church is progressing finely. The material for the structure will all be on the ground this week. The work is being pushed along with great vigor and energy. The church as we have previously stated will be opened for service sometime during the coming month. Rev. Mr. Sieveright and the members of the congregation are deserving every encouragement in their praiseworthy efforts in pushing the new edifice forward.

The Great Wessers Reliant Str.

Sieveright and the members of the congregation are descring every securagement in their praiseworthy efforts in pushing the new edifice forward.

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