We shall be glad at all times to receive items of local news, reports of meetings, accidents, or any incident of interest either in the locality where it occurs or to the county at large. Such matter may be sent at the rate of one cent per oz. if marked Printer's Copy and not sealed. To ensure publication in any particular issue it should reach the office not later than Monday evening.

Geo. P. Rowell & Co., 40 Park Row, and S. M. Pettingill & Co., 37 Park Row, are our only authorized Advertising Agents in New York.

Grand Trunk Railway

TRAINS WILL LEAVE GODERICH AS FOLLOWS:

No. 1 Express, 7.00 a. m., for Toronto, London and Buffalo.
No. 7 Mixed, 9.15 a. m., for Stratford.
No. 3 Mail Express 12.45 p. m., for Toronto, Buffalo and Detroit.
No. 9 Mixed, 3.45 p. m.,

TRAINS WILL ARRIVE AS FOLLOWS:

No. 8 Mixed, 8.10 a. m., from Stratford.
No. 2 Mail Express 2.00 p. m., from Toronto, Detroit and Buffalo.
No. 10 Mixed, 6.00 p. m., from Stratford.
No. 4 Express, 10.00 p. m., from Buffalo.

SUBSCRIBERS

Look at our club rates to new subscribers for cash in advance; The SIGNAL and Weekly GLOBE for $2.70. The SIGNAL and WESTERN ADVERTISER for $2.40. The SIGNAL and GRIP for $2.75. The SIGNAL and Montreal Weekly WITNESS for $2. The SIGNAL and DAILY GLOBE for $6.25. The SIGNAL and CANADIAN ILLUSTRATED NEWS for $4.25.

A splendid CHROMO will be given free to every subscriber taking the SIGNAL and WESTERN ADVERTISER.

Huron Signal.

GODERICH, AUG. 25, 1875.

Political Notes.

In the West Peterboro election case, the trial of which some time since resulted in the unseating of Mr. Cox, the personal charges have received final examination and judgment declaring Mr. Cox not guilty of corrupt practices. Judgment, however, has been reserved in the case of one of his scrutineers who at the time of the election was unqualified to vote. The decision in this instance will be given on 15th Sept.

Final judgment was given in the case of North Victoria, on Thursday, unseating the respondent Mr. J. D. Smith, for the corrupt action of one of his agents. Improper practices was proven against agents of the petitioner as well. A misunderstanding of the election law existed amongst some of the electors in this constituency, some of whom were guilty of treating but under the supposition that so long as this action was done further away than three miles from the polling booth it was no violation of the law. The ruling of the judge informed them, however, that no limit or boundary was defined in this case, the law applying to entire constituencies.

Last week Hon. A. Crooks was presented with a requisition signed by 1,003 voters resident in South Oxford, asking him to come out in their interest, in the approaching contest in that constituency. Mr. Crooks accepted the nomination so enthusiastically tendered him, and he may now be considered as holding a seat. The *Mail*—the "gentleman's organ," sporting paper and journal of the bloated aristocracy—with an assumption of democracy that sits like a professor's cap on the brow of jockey, decalres that South Oxford will be lost when Mr. Crooks becomes its representative, for how, says that journal, is a lawyer capable of representing a cheese producing constituency. "The eternal fitness of things" sometimes makes itself apparent to that paper, but last winter it was different when in the election in East and West Huron it advocated two lawyers—one of them an adventurer—as the only fit and proper persons to represent two purely agricultural constituencies in opposition to gentlemen of experience in that respect. Surely our city contemporary has recently fallen out with its legal friends.

Mr. Devlin, of Montreal Centre, has confessed bribery on the part of his agents, and the seat is consequently voided. The charges of personal bribery preferred against him were examined into after this admission.

The Gaspe, Que., election has resulted in the election of Mr. Forten, the Liberal representative, by a good majority over the Opposition candidate.

Mr. D. McCraney, the lately unseated member for East Kent, has been renominated by the Reformers of that constituency to represent them in the approaching election.

A Reform demonstration took place at Welland on Friday, at which between four and five thousand persons were present. The affair was in honor of Mr. J. G. Currie's triumphant election, and was a grand success. Speeches were delivered by Hon. Oliver Mowat, Messrs. Hodgins, Currie, Thompson, and others.

The Holiday.

The civic holiday was very generally recognized in town, all the business places being closed and the town wearing a deserted appearance. A large number of citizens and persons from the vicinity left by the early train to take advantage of

THE EXCURSION

to Niagara Falls. At 5.30 sharp a train of 16 cars left this station, with about four cars filled. With the assistance of two engines, the train got a good start, but on reaching Holmesville the dew on the rails caused the wheels of the engine to slip and for quite a time the train barely moved along. A good deal of time had been lost by the time the train reached Clinton, and the lengthy stoppages at the stations and the heavy load—every car having been crowded before reaching Mitchell—caused a loss of time at every station. Beyond Stratford only a few stoppages were made, but it was 3 o'clock before the excursionists for the Falls were transferred to the Canada Southern Road, arriving at their destination about 4. At Brantford the members of Forester, St. George and other societies had a grand procession, and a large number turned out to see the sights, as plenty time was given to do so. An excursion train of 12 cars left Brantford as the Goderich train arrived and the numbers which reached Niagara Falls was exceedingly large. Whilst running from Fort Erie to the Falls, a number of passengers got upon the top of the cars. At one of the stations a wire crosses the track, and although frequently warned of his danger one of the passengers persisted in standing up. The wire struck him on the left side whilst the train was going at full speed, throwing him violently on the top of the car. He fortunately fell in a position to prevent his falling off, and he lay in great agony until arriving at the next station where he was cared for. But very little time was given to see the Falls, although all the principal attractions were viewed, the museum visited and some satisfaction taken out of the trip. The train left at between 6 and 7, and after a tedious ride our Goderich friends reached home next morning at 6.30, sleepy, red-eyed and aching in every joint. More fortunate were they who stopped at Buffalo until the following morning. Those who did had ample opportunity of seeing the many improvements going on there—to visit the Park, see the handsome new City Buildings, the new wholesale houses going up on Washington Street, the new German Bank, Barnes & Bancrofts magnificent store, and the many old attractions, and have a better opportunity of inspecting the splendid International Bridge. Leaving Buffalo at noon, they had a comfortable return trip, in good cars and no delays or other annoyances, and they really appreciated the trip.

We heard many complaints of their treatment from those who came back on the excursion train. It was certainly a great shame to keep them so long on the road, but at so small a rate of passage people cannot expect to ride in the best cars. None need expect comfort on an excursion train, and when they take advantage of a cheap trip, they must make up their minds to be contented with things as they find them.

BASE BALL.

Those who stopped at home had some amusements to interest them. On the Maitland Flats an interesting game of base ball was played between the newly formed "Independent" club and the "Silver Stars," resulting in a victory for the former. The following is the score:

INDEPENDENTS.		STARS.	
J. Black	5	J. Marks	3
J. Deady	3	R. Ruttle	4
J. Fry	4	W. Proudfoot	2
J. Kay	4	G. Garside	4
T. Armstrong	6	B. Runciman	1
J. Ratcliffe	4	H. Andrews	2
G. Rhynas	3	W. Kirkbride	3
T. Saunders	2	J. Andrews	2
G. Newton	2	G. Wilson	2
	33		23

Ind. 9 2 6 0 3 2 0 8 3.—Total, 33.
Stars 3 0 2 4 3 4 1 3 3.—Total, 23.

Majority for Independents 10.

TEMPERANCE PIC-NIC.

A large number visited Ransford's Grove in the afternoon, where a grand spread had been prepared by the temperance societies for all the friends of the cause. About 1200 were present, and the pic-nic was decidedly the largest and best that has taken place in Goderich for some time. Excellent tea, cake &c., were furnished by the ladies, and there were plenty of amusements for young and old. There was no speech-making or formality, but every individual was his own monitor, and from the scenes about him learned new lessons and received new incentives to carrying out a life of abstinence. The festivities were kept up until a little after dark by the younger portion, who danced under the leafy bowers to inspiring strains. The persons who carried out the arrangements of the affair, have reason to be proud of the success of their efforts.

The Boynton Suit.

On Friday and Saturday next the citizens of Goderich and vicinity will have an opportunity of seeing this famous life saving apparatus. Dr. Henderson of Ailsa Craig, has secured the services of the famous swimmer, J. Macaulay, the winner of the silver cup offered by the Glasgow Swimming Club to the most expert swimmer and diver, and this gentleman will exhibit the suit and its capabilities besides giving an exhibition of his powers as a swimmer. The principal features of the exhibition are detailed in the advertisement in another column, and their peculiar and interesting character are spoken of in the reports of the various exhibitions of late with much wonderment. The invention is truly wonderful, and its capabilities are none the less so, and in the hands of the gentleman already named, those who will take the trip upon the lake to see, will be thoroughly satisfied that it is something which none should fail to see. Public curiosity has been aroused, and the performances throughout the world in this unique dress have been witnessed by large crowds. Every opportunity will be afforded for seeing the exhibition comfortably, and the steamer Mary Robertson will make a trip at 1 o'clock, going out about 10 miles.

Tickets for the trip are placed at the low price of 50 cents, children half fare. The rougher the weather the better for the trial, and on this account no postponement will take place.

THURSDAY's city papers announced, among the telegraphic dispatches, in large type, "narrow escape of the Royal Family," and rejoiced at the good fortune which saved their lives. Every loyal citizen certainly echoed the latter sentiment, and had the news come that the collision between the Royal yacht, containing the Queen and family, and another yacht near Portsmouth had resulted fatally to the occupants of the former, Britons and Canadians would have been thrilled with the deepest emotions of sadness at the sorrowful intelligence. But Providence has kindly ruled otherwise—we say kindly, because the country has been spared a season of mourning. A lack of feeling, however, is shown in the rejoicings for the misfortune which befel the four of the unfortunate occupants of the other sunken yacht, who were drowned—hurried suddenly to eternity by the unfortunate event. Our kind-hearted, noble Queen must have poured out her sympathy upon the grief of the stricken friends, and felt that royalty was as much the subject of circumstance and misfortune as the representatives of ordinary humanity who were the unfortunate principles in the Schiller and other such disasters. The world says charitably, "it was a most unfortunate accident"—and we don't doubt it; but let this circumstance be a lesson to hasty judges, who let their blood boil when poor fallible humanity fails to avert some dire calamity, that man should deal leniently with his fellows in such cases.

AN OUTBREAK of negroes seemed imminent last week in Georgia. Letters were discovered which indicated that an attempt was to be made on the 20th inst., to murder all the white inhabitants of the State, as the following order issued by a colored soldier to his friends would indicate:—

"Kill every white man and take every gun you can get, have all your companies ready, kill with axes, hoes, pitchforks, &c.; get gunpowder and shoot as you kill."

At first the rumors were treated as a hoax, but several circumstances transpired to convince the authorities that there was some truth in the reports.—Several arrests were made, and this action seemed to bring the negroes and their design from obscurity. They assembled in bodies, well armed and completely organized. Some white scouts are reported to have been fired upon, and the last report from the section, although declaring everything quiet, informs us that each party is well armed and watching the other.

GREY.

A young man named D. Gordon, of Cranbrook, while working at Garrows mill on the 13th, fell from a tramway in course of erection, a distance of about twelve feet, and was struck by a stick of timber which broke one of his ribs and otherwise bruised him. He is now recovering rapidly.—*Post.*

MORRIS.

On Wednesday last, while Mr. Wilkinson, of the 4th con., was working with two teams in one of his fields, the horses attached to one of the vehicles became unmanageable and ran towards the other team, with which they collided, running the driving pole into the breast of one of the stationary horses, and killing it outright.—*Post.*

Salt Mining at Goderich;

BEING, IN PART, THE RESULTS OF INVESTIGATION AND REPORTS BY SEVERAL AUTHORITIES, HAVING REGARD TO THE PRESENCE OF BEDS OF ROCK SALT AT GODERICH.

BY JOHN HY. HARDEN, M. E., Philadelphia, Pa.

(CONTINUED.)

"In order to see at a glance the character and geological sequence of the strata it has been advisable to furnish the records in full, thereby bringing to light many facts replete with interest and geological phenomena.

The following is a list, proceeding from north to south of the principal wells sunk and still in practical operation:—

1. Kincardine well. 2. Ainleyville well. 3. Goderich Co.'s well. 4. The Dominion well. 5. Hawley well, Goderich. 6. Clinton well. 7. Stapleton well. 8 Coleman & Gowinlock's well, Seaforth.

No. I. RECORD OF AINLEYVILLE WELL.

	Feet.
1. Sand, gravel, with boulders of gneiss and granite	16
2. Gray and blue limestone; the uppermost 100 feet probably belonging to the corniferous formation, whilst the remaining 266 feet are magnesian and evidently belong to the saline	366
3. Layers of chert interstratified with bands of limestone	150
4. Beds of compact steatite or soapstone, alternating with layers of magnesian limestone, with disseminated crystals of bitter spar	353
5. Gray magnesian limestone	97
6. Magnesian limestone containing traces of brine	168
7. Dark brown porous sandstones	64
Total depth	1244

At this depth the well was abandoned.—Saline waters were met with at the depth of 1013 feet, and were probably derived from the saliferous strata lying further south. The position of the boring seems to mark the position of the north-eastern margin of this ancient salt lake, since the geological horizon of the salt was passed without the least evidence of its occurrence. The 97 feet of gray magnesian limestone seemingly belong to the base of the Onondaga formation below which no brines of any economical value have yet been found. At the depth of about 1200 feet a small water course was met with, in which were observed traces of petroleum and bubbles of vicious gas. The brine extracted from this well was obtained only at intervals for fifteen feet, having been first observed at the depth of 1006 feet from the surface.

No. II. RECORD KINCARDINE WELL.

	Feet.
1. Passed through the corniferous limestone, the tentaculite limestone, to the base of the salina formation (records imperfect)	683
2. Pure rock salt	27
3. Magnesian limestone	30
4. Pure rock salt	17
Total depth	957

Here the occurrance of a second layer of rock salt, separated from the first by 30 feet of limestone, leads to important considerations regarding the probability of its extention at all parts under the first. Indeed, to restrict the presence of this second deposit to very narrow limits within a salt-area comparatively wide, would be not only to controvert the laws regulating the distribution of sedimentary beds, but also to render obsolete and void all the known theories connected with salt deposits generally. On consideration of the oscillations of level necessary for the deposition of a vast bed of salt, with the evidence of a scond saliferous layer in one perforation only, the writer maintains that within the limits of this salt district of Ontario, a second saliferous deposit exists universally at slightly variable distances below the first, except, probably, in the neighborhood of the margin of this ancient geographical depression.

No. III. RECORD GODERICH CO.'S WELL.

	Feet.
1. Sand, gravel and boulders	30
2. Soft arenaceous limestone	266
3. Hard gray sandstone with traces of salt and petroleum	78
4. Blue magnesian limestone	330
5. Magnesian limestone holding crystals of calc. spar	110
6. Porous limestone, gypsum and alternating band of red marl and salt	163
7. Rock salt	45
Total depth	1022

From this depth there was obtained by pumping, a saturated brine, from which large quantities of salt continue to be manufactured. The salt bearing strata lies immediately at the base of the Onondaga formation, and is once recognized by the presence of saliferous and gypsiferous magnesian marls lying as a general rule above the salt bed.

No. IV. RECORD DOMINION WELL.

	Feet.
1. White and blue clays holding boulders of Huronian and Laurentian origin	97
2. Water lime beds (tentaculite limestone)	48
3. Soft arenaceous limestone	362
4. Hard magnesian limestone	334
5. Very hard dolmitic limestones, holding crystals of sulphate of iron	87
6. Limestone and shale in alternate layers	120
7. Compact limestone and gypsiferous shales	47
8. Rock salt	21
Total depth	1113

After boring through 21 feet of pure rock salt, the underlying limestone was reached, and at this depth the boring ceased. The corniferous limestone is here absent; the first strata reached having the character of the so-called water-lime beds. As shown in the record, we have for the entire thickness of the Onondaga formation at this particular locality 968 feet, of which the upper 807 are chiefly magnesian limestones, with occasional cherty layers, the underlying 161 feet being represented by gypsiferous and saliferous shales," including the mass of rock salt at the base.

No. V. RECORD HAWLEY'S WELL.

The record of this well was essentially the same as that of the "Dominion" until the salt deposit was reached at the depth of 967 feet, after which the drilling was carried (1) through 12 feet of impure salt and shale, (2) through 17 feet of pure rock salt.

No. VI. RECORD CLINTON WELL.

	Feet.
1. Clay, gravel, sand and boulders	70
2. Gray cherty non-magnesian limestone (corniferous)	108
3. Water-lime beds Tentaculite limestone	24
4. Hard magnesian limestones, with intercalated beds of chert	233
5. Hard arenaceous limestone with beds of shale and gypsum	470
6. Coarse limestone and gypsiferous shales with mud vein 3 inches thick	147
7. Very porous limestone containing salt	14
8. Rock salt	20
Total depth	1136

Nothing of particular interest marked the process of boring in the above well. The presence of the corniferous formation was at once detected by the borers, constituting 108 feet of the surface rock. The underlying 938 feet constitute the salina formation (Onondaga), which here does not attain such a thickness as at Godezich, the upper portion probably having been removed by erosion prior to the deposition of the corniferous beds. Hydrated calcium sulplate or gypsum was met with about the centre of the salina formation, occurring in compact snow-white masses along with crystals of sellasite (a lamellar form of the same).

No. VII. RECORD STAPLETON WELL.

	Feet.
1. Boring commenced 40 feet below general level of the country	40
2. Sand, gravel, and boulder clay	67
3. Light gray limestone, interca-	

CHEESE MARKETS.

STRATFORD, Aug. 19.

The market is dull. Offerings, 7,790 boxes. Sales, about 2000 boxes, at 8½c to 9½c, all July. Twenty-six factories are represented.

The next fair at Stratford will take place on the 1st Sept., and every second Wednesday thereafter.

INGERSOLL, Aug. 19, 1875.

At the weekly market on Tuesday, 42 factories were represented, and nearly 12,030 boxes offered. About 250 boxes sold at 9c, 250 at 9¼c, and 300 boxes on private terms. Total shipments from this station during the past week, 2,018 boxes. Total shipments since 1st January, 68,[illegible] boxes.

Ingersoll fair takes place every Tuesday.

LONDON, Aug. 21.

About 4,000 boxes were offered at the cheese fair to-day, representing about twenty factories. Sales were made at 9 cents.

The next fair at London takes place on Saturday, September 4th, and every second Saturday thereafter.

BIRTHS.

At Hamilton on the 13th inst., the wife of A. A. Anderson Esq. Manager Hamilton & Lake Erie Railway, of a son.

In Clinton, on the 13th inst., the wife of Mr. James Thomson, of a daughter.

MARRIAGES.

In Seaforth, on Aug. 12, by Rev. T. Goldsmith, Mr. Alex. Fraser to Miss Agnes Wilcox, both of Mitchell.

DEATHS.

In McKillop, on Aug. 11, Wm. Gardiner, aged 32 years.

In Wingham, on Aug. 7, Alexander, oldest son of Mr. Jas. McKay, aged 34 years.

In Hullett, on the 15th inst. David, son of Mr. P. Quigley, aged two years.

In Hullett, on the 13th inst., of consumption, Robert S. Sly, aged 21 years.

EXCURSION

Daring Performance

IN

LAKE HURON,

Friday & Saturday, Aug. 27 & 28.

J. McCAULEY

The Glasgow Prize Swimmer and expert Diver will jump off the steamer Mary R. Robertson, ten miles from shore and perform various Feats in

Capt. Boynton's

LIFE SAVING SUIT

Such as saving a man from drowning, Walking in the water, Cooking, Eating, Drinking, Smoking, Shooting, Sailing, &c. The Steamer will start from Goderich at 1 o'clock p. m., and will go out several miles from shore. No postponement on account of rough weather.

Tickets 50 cents, children half price.

Goderich, Aug. 23, 1875. 1488

Central Exhibition.

1875.

$8,000 Offered in Premiums.

WILL BE HELD

IN THE TOWN OF GUELPH,

ON THE

14th, 15th, 16th, 17th of September.

OPEN TO ALL.

Prize Lists and Entry Papers can be had at the Secretary's Office, Guelph, and also from the Secretaries of other Societies throughout the Province. Parties not receiving their entry tickets prior to the Show will find them at the Secretary's Office. The several Railways will carry freight and passengers to and from the Exhibition at single fare.

G. MURTON, Secretary. H. H. SWINFORD, President.

1487

NOTICE.

TO WHOM IT MAY CONCERN.

Certain rumors being in circulation which malign my character, originating with persons in my neighborhood, be it known that I shall await an opportunity to fasten the charge upon the person or persons who originated the rumors, and take such proceedings against them as the law directs.

JAS. BIXTER.

Goderich, Aug. [illegible] 1487

1875. 1875.

W. M. SAVAGE

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A Gem worth Reading!—A Diamond worth Seeing!

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