A telegram to the Intelligencer, of Friday last, announced the cleaning up of a crushing of 70 tons of rock from the Feigel mine, township of Marmora, the result of which is stated to be \$1,330 in gold, or at the rate of \$19 per ton.

## NOVA SCOTIA GOLD MINING REVIEW.

The continued wetness of the season has seriously Work has wholly ceased on several shafts until machinery can be procured for draining them, and there has been a consequent falling off in the produce of some of the best mines.

The following quantities of bar gold have been seported in Halifax between the 10th and 22nd

Octooct .	1 .		
Co. C. District.	Oz.	Dwt.	grs.
Shaffer Oldham	A 74	17	- 0
Oneen Uniacke	58	0	. 0
North St. Lawrence "	28	0	0
Wellington Sherbrobke	83	15	0
Palmerston	i115	- 1	13
Hayden & Derby "	J 25	11	1.
El Dorado Wine Harbo	r 23	3	6
OphirRenfrew	163	2	0
Uniacke Uniacke	96	12	11
Waverley Waverley .	16	3	13
Boston & Nova Scotia. "	17	6	12
	1 3	12	9
Not stated	( 11	6	10
11/2		_	
N.º7	716	11	3
V 11-	117		

The Mines Department Returns for the last quarter of 1867 and the first six months of 1868 have just been issued. The yield for 1867 shows an increase of 2090 oz. 5 dwts. 20 grs. over that of 1866; and the yield for the first quarter of 1868 is 67 oz. 5 dwts. 4 grs. in excess of the same period in 1867; but the same quarter, from the causes above referred to, shows a falling off, compared with that of the previous year, of 2548 oz.

18 dwts. 7 grs. It is gratifying to see Lawrencetown again resume the rank of a producing distriet, although at present it is but in a small way, the returns for the half-year being only 192 oz.

13 dwts. 17 grs. // Sherbrooke.—Mr. Carnie, of Boston, has started the works of the Stanley Co. A rich houlder of great width has been found on the property of the New York & Sherbrooke Co., and they are now searching for the lode, which the depth of soil and extremely wet weather render a The Palmerston, Welsomewhat ardnous task. lington, and Hayden and Derby Companies have scut up substantial results; described in the bullion report; and the Canadian Companies are making good and hopeful progress

WINE HARBOR. -Under date the 8th inst., "A liner" writes: - "Times are first-rate here at Miaer" present, any amount of men of all sizes, grades, and professions to work, the picture of content stamped upon every lineament of their features. quite the contrary to what it has been here for the last two or three autumns, when every person appeared to be anxious to know which pit was likely to work longest, or all winter, so that they could secure a winter's job. This autumn, however, there are no doubts or uncertainties. Orient Co are pushing on their work with a strong battalion, fully armed and equipped with all the necessities for a long winter's campaign. The manager has just let a contract to David Murray \* Co, which, when completed will come to nearly four thousand dollars. It is calculated said contract will turn out 400 tons of quartz or thereabouts. There are also two other contracts going on on two other leads. The Eureka Co. have let a contract which, when completed, will, it is calculated, turn out 240 tons or thereabouts. The Provincial Co. are pressing forward towards

engaged in fitting up in the mill of the Mer-hants' Union Company, in the village of Madoc, ad which will shortly be in operation. They have just cleared up 38 tons, is all right. They have just cleared up 38 tons, which they had crushed at the Victoria mill (out of the new lode they have been staking on, which is fourteen feet wide,) and which yielded 21 oz.4 retorted gold. When it is taken into consideration that where they are sinking is on their extreme western line, and that said belt runs through the whole breadth of their property, I think every one else might come to the decided conclusion that they are all right. The McIntosh Co. are to work on the same belt, about 400 feet to the westward of the El Dorado shaft, taking out quartz at almost a tremendous rate, and showing some beautiful specimens of gold. They have just commenced to crush out of said lode, and the manager purposes to run two batteries on it for the remainder of this month, after which it will speak for itself. The Stadaeona Co. are, to use a common expression, 'going in big lieks,' and turning out a great pile of crushing material. They have not cleaned up any yet, consequently I cannot give a correct or decided account of what has been taken out, or the yield thereof. It will, however, speak for itself shortly."

The Provincial Co. have had a portable stamp

mill of one battery, for prospecting purposes, built by Messrs. Symonds & Co., of this city. It is a most complete arrangement, and attracted much notice at the late Exhibition.

UNIACKE.—The Queen Co., besides taking a prize at the Exhibition, have sent up nearly 60 ounces within the fortnight, and are now passing through their mill ore of very excellent quality. The North St. Lawrence Co. have contributed a small bar, and the Uniacke Co. have remitted 96

oz. 12 dwts. 11 grs.

OLDHAM .-- Messrs Cook & Belding are working with good prospects; and Mr. Shaffer has worked with good results, 74 oz. 17 dwts. being his modicum for the past fortnight.

RENFREW .- The Ophir tells its progress by a brick of 163 oz. 2 dwts.; the Andrews shaft continues to give satisfaction; the Colonial Co. report some promising lodes; the Carnarvon Co., when not impeded by weather, have made good headway in prospecting; and Messrs. Thomas and Macdonald are working a lode that shows both coarse and fine gold.

ECUM SECUM. -The machinery for the mill of the Atlantic Co. has all arrived, and Mr. Andrews continues to report favorably. + Halifax Mining Gazette.

## THE SALT WELLS OF CODERICH.

The discovery of Salt was quite unlooked for. the result following the search for oil. A well having been sunk there with the expectation of getting petroleum, turned out a blank. It was then suggested that; by going deeper, salt might possibly be reached, especially as the water obtained at a depth of 500 feet was rather salty in flavour. The drilling was resumed, and at the depth of between one thousand and eleven hundred feet heavy brine was reached, which it was thought would yield salt in paying quantities. Before going further a chemical analysis of the brine was obtained, to discover if the properties contained would render the salt valuable for pickling purposes, and also to see if a sufficient per centage of solid salt could be obtained from a given quantity of brine to render the industry profitable. The samples were referred to competent chemists, and their reports being highly satisfactory, it was determined by the Goderich Salt and Petrole in Company - the enterprising pioneers of the salt interest - to erect the necessary works for the manufacture of salt. These work have for about a year been in active operation, and so far have proved a financial success, and notwithstanding the competition offered by the Americans, who seek to swamp the infant enterprise, the works are run to a profit. Other companies, following the example of this

company, have cone to work and su there is no question that Goderich is a tion to supply all the salt require The wells, finished and partly in operat eight, as follows:

100	den nen 🕶		Capital
Goderich Salt and	Petroleu	m Co	\$15,000
Tecumseh	d		5.000
Dominion	d		90 000
Huron (in operat	ion)		70.000
Victoria (do) Maitland			10,000
Maitland	1		10,000
Prince Well (now	boring)		
Ontario	<b></b>		15,000
Of the above,	the first	named i	s the largest,

operating with 104 kettles; the Tecumseh is

ing till spring; the Ontario commenced in July, making 60 kettels; Dominion 60 kettles, Huron 120 kettles, in full operation; Victoria 60 kettles; Maitland, drilled to salt, operation the present suspended, with a view to expension some cheaper method of evaporation; P well down 600 or 700 feet. We will now att to describe the process of salt making. The p ing machinery is precisely the same as that us by oil wells. The "well" is a round hole of for four to five inches in diameter, drilled perfect straight down over a thousand feet into mode earth, and lined or cased with iron casing to p earth, and inled of cases the from "caving in" and vent the surrounding earth from "caving in" and filling it up. Down this well is fixed the purpose. tubing, about three inches in diameter, descends to about 600 feet. At the end or of the tubing is fixed the pump, and in pump tubing are wooden rods connected by ion couplings, which work the pump valves and force the brine up the tubing to the surface. In the the brine up the tubing to the surface. In "Goderich Company" they use a 20 horse startengine, which, by the aid of connecting machine works the pump. The brine, which is pumped at the rate of 500 barrels in 44 hours, flows to large vat, where it is held till wanted, and connected with the vat are pipes leading to the kettles. In the "Goderich Company's was there are four rows of these kettles, to the number of 104, each holding 140 gallons of brine. The occupy a space of 120 feet long and 64 wide, in are, of course, built in bricks work, and under are, of course, built in brick work, and neath are the furnaces to heat the brine and carry neath are the furnaces to near the order off the vapour. One long furnace runs under each row of kettles, so that four furnaces are exployed, each using about four cords of wood or day. When the furnaces are in full blast the day. When the furnaces are in run was kettles are "drawn" or emptical every four hour, and then the yield is generally a bushel and a then the yield is generally a bushel and a the control of the contr half of salt to each charge. The kettles require cleaning once a day, the process being the ping off the calcined salt which adheres to sides, and is only valuable for manure, and is sold to the farmers at \$2 a ton. The quality of the salt depends much upon the cooking of the bane, as the faster it boils the finer becomes the salt. Another plan of absorbing the water is by evaporation by solar heat; but this process requires stensive works, produces a coarse salt, and has not yet been introduced into Canada. The cost cordwood at the wells is about \$2 to \$2.50 and some of the works are about to try coal as a more conomical fuel, as it can be be laid down at God. erich for \$4.50 per ton. The number of men employed at the "Goderich Company's" works comprise fourteen, including engineer and pace. The workmen state that the action of the has a singular effect upon their clothes, quick rotting all cotton garments, undering it necess for them to wear woollen clothes, which are n affected by the brine. Taking the experience of the "Goderich Co

pany," the manufacture of salt costs about 31 parrel, including the package, which is made about 30c. at the factory. The cartage to to Toronto 224 and the factory and the factory to Toronto 224 and the factory. to Toronto \$24 per car load, and to London The amount turned out by the company nat about from 90 to 100 barrels per day, 280 salt comprising a barrel. For purity and f