

## Department of Public Works.

From the last examination, it was found that there still remains about 1,000 yards of rock to be removed to give 18 feet navigation, and it is very difficult to estimate the cost of this per yard, but it is safe to place it at \$5, which will represent a further expenditure of \$5,000.

No work was done during the season of 1893.

### GODERICH.

Goderich is situated in the county of Huron, on the east side of Lake Huron, at the mouth of the Maitland River, about 68 miles from Sarnia, 60 miles from London, and 44 miles from Stratford.

An extension of the piers having been decided on and Parliament having appropriated money towards the same, on the 20th April last a contract was entered into with Messrs. Broder & McNaughton, of Ottawa, to extend the north pier 410 feet and the south pier 100 feet in length, and to dredge berths for the same, but up to the end of the fiscal year the contractors had not commenced the delivery of materials.

On the 2nd September, 1892, authority was given to expend the sum of \$700 for repairs to the breakwater and piers by day's labour.

Work was commenced on the 7th September and finished in May last. Other repairs were ordered to be made on the 13th June last, and \$244.62 was expended upon the same, the total amount expended on repairs during the year amounting to \$944.62.

### KINCARDINE.

Kincardine is situated at the mouth of the River Penetangore, which flows into Lake Huron on its eastern side, 31 miles north of Goderich.

The northern end of the north pier having been seriously damaged by a steamer, and to prevent further destruction of the crib-work, the sum of \$217.34 was expended during the year in making good the damage done and in securing the work against further injury.

### KINGSTON HARBOUR.

Kingston, Frontenac County, is at the foot of Lake Ontario, 172 miles from Montreal.

The removal of Point Frederic Shoal, work on which has been going on for some years, was continued until the 3rd November, 1892, when the plant was laid up.

It was resumed on 1st June, 1893, and was in progress at the end of the fiscal year. The total quantity of rock removed during 1892-93, amounted to 2,579 cubic yards measured on the scows.

### LITTLE CURRENT.

Little Current is the passage between Cloche Island and the Great Manitoulin, is on the direct road to Sault Ste. Marie for vessels taking the north channel, and is distant from Collingwood about 140 miles.

On the return of the plant from Clapperton Island, work was resumed at Little Current on the 21st July, and continued to the end of September, when the plant was removed to McInnis Bank, Mudge Bay. During this period 1,531 cubic yards of rock were blasted and removed at a cost of one dollar and eighty-one cents (\$1.81) per yard, the total expenditure being \$2,773.60.

The work consisted in widening and straightening the north-east entrance of the channel and the removal of the projecting points on the edge of the cut the whole way through. The channel is now two hundred feet wide with an average depth of thirteen feet, but with a strong easterly gale, the water falls six inches, but soon rises again.