

DREDGING AT COBOURG.

Cobourg, the shiretown of the county of Northumberland, is situated on the southern coast of Lake Ontario, and is 69 miles east of Toronto by rail.

Between the 12th July and the 3rd of September, 1892, a dredge operated in this harbour deepening it to 12 feet at lowest stage of the water in Lake Ontario. The quantity of material removed amounted to 17,060 cubic yards of sand.

DREDGING AT COLLINGWOOD.

Collingwood, county of Simcoe, is on Nottawasaga Bay on the south shore of the Georgian Bay, and is one of the termini of the Grand Trunk Railway. It is 94 miles distant from Toronto. The harbour is a large and commodious one, being protected on the north and east sides by extensive breakwaters, and to facilitate shipping, the department has for several years had a dredge at work deepening the channel leading to the wharfs and at the wharfs themselves.

At the commencement of the fiscal year 1892-93, the departmental dredge "Challenge" was working in the harbour on a shoal between the range light and the railway wharf, making a channel 98 feet wide and 15 feet deep. Two cuts were also made to a depth of 15 feet through a bar opposite the town dock. Work was brought to a close, for a time, on 1st August, by which date 4,965 cubic yards of clay had been removed. Work was resumed on the 21st October, the dredge being engaged on a hard-pan bar outside the breakwater, making one cut 174 feet long 28 feet wide and 15 feet deep, and another 400 feet long, 25 feet wide and 15 feet deep, was also made between the range light and the railway wharf, the following material being excavated, viz.: 350 cubic yards of hard-pan and 1,000 of clay, work closing 9th November.

On the 27th May, 1893, the dredge "Challenge" resumed work in this harbour making one cut through the hard-pan bar outside the breakwater, leaving a channel 14 feet deep and 120 feet wide. Further dredging was also done between the range light and the railway wharf, the additional amount of materials removed from both shoals being 710 cubic yards of hard-pan and 4,180 cubic yards of clay.

DREDGING AT GANANOQUE.

Gananoque is in the county of Leeds on the north shore of the St. Lawrence. It is 18 miles north-east of Kingston, and 30 miles west of Brockville.

On the 17th November, 1892, the government dredge "Queen" commenced work at this place in dredging out seats for the piers of a new bridge, being engaged thereon till 28th November. On 17th April, 1893, work was resumed in the river and continued till 27th of the same month, the result being two adjoining cuts on the east side of 230 and 100 feet in length, and on the west side one cut 295 feet long, the whole to a depth of 12 feet at low water, 2,696 cubic yards of sand mixed with saw-dust being removed.

DREDGING AT GODERICH.

Goderich is in the county of Huron, and is situated at the mouth of the River Maitland, which flows into Lake Huron about 68 miles north from Sarnia.

At the commencement of the fiscal year the elevator dredge, "No. 9", was engaged in dredging in this harbour. Work was done both inside and outside the piers, commencing at a point 700 feet outside in the lake, the cutting being bell shaped, narrowing from 400 feet to 162 feet at the entrance to the piers finishing near the railway elevator. The total length of work from outside to inside of harbour was 3,000 feet, 20 feet of water being obtained outside and 18 feet between the piers and in the harbour.