

## Department of Public Works.

It is 96 feet 6 inches in length and 20 feet in width, except at the outer end, where it has a width of 29 feet 6 inches, and consists of an abutment and three crib-work blocks, with intervening spans. It is on flats, dry at extreme low water to within 15 feet of the outer end, where the depth at extreme low water is 7 feet.

Spring tides rise 8 feet.

During the fiscal year 1892-93, the sum of \$99.97 was expended in reconstructing the abutment; in building a stone retaining wall twenty-three and one-half feet long on the north side; and in slight repairs to the central and outer blocks.

### WEST ARICHAT.

West Arichat, Richmond County, is a small but safe harbour on the south side of Isle Madame, sheltered from the south and west by Crichton Island and a breakwater between it and the mainland.

The breakwater is 1,285 feet in length and 23 feet in width. A portion of it extending 628 feet from the island was built by the Provincial Government in 1867, and the remainder by the department in 1879. It is of round timber, open-faced, and was fully ballasted. The top of the covering is 11 feet above extreme low water or 6 feet above extreme high water, except near a 25-foot opening between the old and the new work.

In 1883-84, fenders were placed on the south face 3 to 9 inches apart for a distance of 490 feet; in 1891-92, the covering over 140 feet at the west end, and 120 feet at the east end, was removed and the work filled in with stone and gravel, and 15,000 feet b.m. of covering was renewed along the centre line.

During the fiscal year 1892-93, the sum of \$1,479 was expended in repairing and close fendering 80 feet of the south face at the west end; in reconstructing, from above high water, 92 feet of the north face at the west end; in renewing about 2,300 feet b.m. of covering, and in ballasting where required.

The necessary repairs have been completed, with the exception of the renewal of about 1,100 feet b.m. of covering along the sides of the work; rebalasting with about 150 cubic yards of stone, and some repairs to the approach at the east end.

### WEST CHEZZETCOOK.

Chezzetcook Inlet, Halifax County, is about 15 miles east of Halifax Harbour. It is about half a mile wide at its mouth, extends 5 miles inland, and receives at its head the waters of the Chezzetcook and other lakes. In it are several islands, which, owing to their relative positions, divide the inlet into two channels, called respectively east and west Chezzetcook.

In order to create a scour in the west channel, and thus deepen it, a breakwater or mole has been built on the southern end of Conrod's Island, 900 feet long with an L at the outer end 200 feet long.

On the 20th July, 1891, a contract was entered into between the department and Mr. Archibald McKinnon, of Cow Bay, C.B., for \$8,940. The work was begun in June, 1892, and finished on December 24, 1892. Its effect has already been to deepen the channel some two feet.

### WRECK COVE.

Wreck Cove, Victoria County, is on that part of the east or Atlantic coast of Cape Breton Island, known as the "North Shore" between the harbours of St. Ann's and South Ingonish, and distant from the former 18 and from the latter 12 miles.

A former landing place for boats, near the mouth of Wreck Cove Brook, was rendered unsafe by a divergence of the stream and the opening of a second outlet.

During the year 1890-91, the amount appropriated, together with \$200 paid by the locality, was expended in the construction of a dam of brush and stone 675 feet in length, 16 feet in average width and 6 feet in average height, designed to confine