

Department of Public Works.

the slides and booms could be operated, indeed, at some of the stations where guide booms could not be stretched at that stage of the water, other arrangements had to be temporarily made for the passage of timber than through the slides. The high water of the spring and early summer months favoured early "drives," and timber and logs even from the more distant lumbering districts, were approaching the lower works before the end of the fiscal year; it is, therefore, expected that the "sweep" for 1893 will be nearly clean.

The following statement, which is copied from a return furnished by the collector of slide-dues in your department, shows the quantities of the various descriptions of timber that passed the Government works, together with the amount of revenue accrued therefrom as tolls, for the fiscal year covered by this report:—

	Pieces.
Square white pine timber.....	55,023
do red do	11,367
Flat do do	73
Boom and dimension.....	55,657
Spruce boom and dimension.....	320
Tamarack.....	7,248
Dimension.....	20,324
Long cedars.....	14,952
Cedars, 12 and 16 feet long.....	944
Railroad ties.	202,849
Fence posts.....	64,526
Saw-logs.....	2,336,088
	2,769,371

Also 21 cribs rafting material, and 4,508 $\frac{3}{4}$ cords of pulpwood.
 The revenue accrued on the above was \$66,379.
 In respectfully submitting the above,

I have the honour to be, sir, your obedient servant,
GEO. P. BROPHY,
Superintending Engineer, Ottawa River Works.

LOUIS COSTE, Esq.,
 Chief Engineer, Department of Public Works,
 Ottawa.

REPORT ON THE ST. MAURICE RIVER WORKS, BY F. X. THOS. BERLINGUET.

THREE RIVERS, 1st September, 1893.

SIR,—I have the honour to submit the following report, on the works under my charge, on the St. Maurice River, for the fiscal year ended 30th June last.

The freshets of the season of 1892 were small in comparison with those of previous years. The river commenced to rise on the 1st April, and reached its maximum height on the 7th May—corresponding to 12 feet 3 inches above the lowest water level, observed in 1889.

On the 12th August the water rose about 4 feet, and at the beginning of October it rose about two feet, which gives a good pitch for the floating of logs.

Instead of each lumber merchant having a drive of his own logs, as formerly, they this year combined to have a joint drive from the Piles down, which proved very satisfactory.

After the working season, the slides, piers, and booms were examined, and in the fall the necessary work of repairs and reconstruction were commenced, which may be described as follows:—

At Grandes Piles Station:—One mooring pier and one anchor pier were built, at Pointe à Magdeleine, to retain logs on the western side of the river.