

CHUTE A BLONDEAU CANAL.

Length of canal.....	$\frac{1}{8}$ of a mile.
Number of locks.....	1
Dimensions of lock.....	130 $\frac{1}{2}$ feet x 32 $\frac{1}{2}$ feet at upper end and 36 $\frac{1}{2}$ feet at lower end.
Total rise, or lockage.....	3 $\frac{1}{4}$ feet.
Depth of water on sills.....	6 "
Breadth of canal at water surface.....	30 "
Breadth of canal at bottom.....	30 "

Between the Carillon and Chute à Blondeau Canal there is a navigable stretch of four miles. The canal is cut through solid rock, and has only one lock. It is only used by vessels going up the river; all down vessels run the rapids.

Closed on the 24th November, 1879, opened on the 29th April, 1880.

All necessary repairs have been executed. (App. 9, page, 147-)

GRENVILLE CANAL.

Length of canal....	5 $\frac{1}{2}$ miles.	
Number of locks.....	7	
Dimensions of locks—Lift Lock No. 5	} Combined { 130 $\frac{1}{2}$ feet x 32 $\frac{1}{2}$ feet. }	
“ “ 6		128 $\frac{1}{2}$ “ x 32 $\frac{1}{2}$ “
“ “ 7		128 $\frac{1}{2}$ “ x 31 $\frac{1}{2}$ “
“ “ 8		128 “ x 32 $\frac{1}{2}$ “
Locks Nos. 9 and 10, and Guard Lock No. 11.....	200 “ x 45 “	
Total rise, or lockage.....	45 $\frac{1}{2}$ “	
Depth of water on sills.....	6 “	
Depth of water on sills of Locks Nos. 9, 10 and 11.	9 “	
Breadth of canal at bottom.....	40 to 50 feet.	
Breadth of canal at surface of water.....	50 to 80 “	

From the head of the Chute à Blondeau Canal to the foot of the Grenville Canal there is a navigable reach of 1 $\frac{3}{8}$ miles.

This canal is situated about 56 miles below the City of Ottawa; the Long Sault Rapids being thereby avoided.

The canal was closed 24th November 1879, and opened on the 24th April 1880, No special repairs have been called for, and those of ordinary character have been duly executed.

NEW WORKS.

The works for the enlargement of the canal, commenced in 1871, comprise the construction of locks 200 feet long and 45 feet wide, with 9 feet of water on the sills; the main channel having a depth of 10 feet and a mean width at bottom, of 40 feet,