POINTS.	RATE, Knots.	LENGTH in Chains.	DEPTH in inches.	LENGTH in Yards. *	LENGTH in Yards. †
No. 1			12		
2	2 to 2½	8		176	
3	3½	3	15		66
			8		
4		7	12		154
5	3½ to 3¾	7½			165
6	4½	4½	15		99
7	inside 3½ / outside 4½	9½	18		203
8	6½ to 7	6¾	24 to 36		148
9	3½ to 4	5	12		110
10	4½ to 5	5½	10		121
11	4½ to 3¾	44½	13		
12	" to 4¾	4½	10		
13	3 3½ to 4				1980
& 14	3½ to 3¾ / 3½	41	14 to 18		
15	3 to 3½	4	deep enough keeping out	88	
16	3 3½ to 4	6			132
17	3½ to 3¾	4½			99
18	4½ to 4¾	5½			121
19	3¾ to 4	15	36		330
20	inside 2 to 3½ / outside 3½ to 4	5½	12 to 13		121
21	outside 3½	20			440
22		7½	7 to 8		165
23	3½	5	deep enough	110	
24	3½ to 3½	6	24		132
				YARDS	4586

2 Miles, 4 furlongs, and 33 perches.

* This column is the length of the rapids in yards, when the velocity of the water is less than 3 1-2 knots.

† This column is the length of the rapids in yards, when the velocity of the water is 3 1-2 knots and upwards.

QUESTIONS AND ANSWERS.

QUESTION.—With what lading can a durham boat ascend the rapids to the Mill pitch?

ANSWER.—At low water, the last year durham boats came up with 5 to 6 tons, at very low water with only 4 tons. At high water generally 8 tons. A middle sized boat with 10 tons will draw from 14 to 15 inches and requires 8 horses to tow her up the mill pitch; whereas a large boat with the same tonnage will not draw more than 10 inches; it depends on the build of the boat altogether, the question here is, whether a small boat drawing 14 to 15 inches as above, with 10 tons, is a greater draft than a large boat, drawing 10 inches, with same tonnage.

Q.—A boat having more lading at the Cascades than she can ascend with, what is the cartage per ton to the cedars?

A.—From 8s. to 10s.

Q.—With what lading can a durham boat ascend from the Cedars to the Coteau du Lac (Lake St. Francis) what is it per ton in addition?