

TABLE 2.

SHOWING the size of the grains of sand forming the Traverse Spit, at the foot of the island of Orleans, and of that forming the Ste. Croix and Champlain shoals, between Three Rivers and Quebec, in the Lower St. Lawrence, province of Quebec.

Sand, — whence obtained.	Percentage of grains consecutively separated by sieves having, respectively, the undermentioned number of holes to the linear inch.						Rejected by sieve having 16 holes to the linear inch.
	100.	50.	60.	40.	20.	16.	
From the highest point of surface of Traverse Spit...	12.6	17.4	58.0	41.8	0.2	—	
" the surface of Traverse Spit...	16.1	22.0	48.9	12.5	0.5	—	A few grains only.
" 15 inches below the surface of Traverse Spit...	29.3	27.8	42.6	0.2	0.1	—	
" 8 to 10 feet " " " "	33.1	33.2	32.7	0.4	0.6	—	A few flakes of mica.
" 22 to 27 feet " " " "	8.8	10.7	33.4	42.8	4.1	0.2	
" 28 to 33 feet " " " "	4.8	5.0	16.0	37.2	35.4	1.3	0.3
" the Ste. Croix shoal.....	3.5	5.0	17.5	50.9	22.3	0.5	0.3
" the Champlain shoal.....	0.6	0.1	1.5	5.1	87.1	3.4	1.6

NOTE. — It was found that the sand rejected by the sieve having sixty holes to the linear inch was, in all cases, practically free from magnetite.