

Opposite Rockland Mills.....	90	Coarse sand.
A little above do .....	90	Bare rock.
do do .....	85	Sand.
Buckingham Wharf.....	38	do
do .....	40	Sand and little clay.
Opposite River du Lièvre.....	50	Blue clay.
Two miles above River du Lièvre .....	30	Sand.
Two miles below Blanche Light.....	45	do
Opposite do do .....	30	do
do do .....	30	do
Opposite River Blanche.....	31	Sand.
Three-quarters of a mile below Green's Creek.	38	do
Near Green's Creek.....	37	do
Near Lighthouse, Green's Creek.....	17	Sand, a little sawdust.
do do .....	24	Pure sand.
Gill's Wharf.....	23	Sand and a little wood.
Foot of Kettle Island .....	18	Pure sand.
At Kettle Island.....	34	Pure sand.
Opposite Old Mill, Rockcliff.....	39	Small gravel.
Opposite Rockcliff.....	35	Pure sand.
do close to south shore.....	47	Bare rock.
Above Rockcliff.....	85	do
Opposite Gatineau.....	40	Sand, a little sawdust.
Entrance to Gatineau.....	27	Coarse sand.
do do .....	27	Fine sand.
Opposite Gatineau, south side.....	80	do
Off point at Keefer's Bay.....	100	Bare rock.
Middle, opposite Keefer's Bay .....	100	Sand and chips.
Opposite McKay's Bay.....	70	Sawdust and chips.
Opposite McLymont's Mill.....	70	Gravel and shells.
Opposite Rideau Falls.....	60	A little sawdust and rock.
Opposite Mr. Reynolds'.....	60	Gravel, clay, sawdust
Above Mr. Reynolds'.....	60	Sawdust.
Close to Rocky Island, near Batson & Currier's Mill.....	31	New-made sawdust.

The mean height of water in the River Ottawa during the week on which the soundings were taken was 16 feet 4 inches at Grenville, and 13 feet 3 inches at the outlet of the Rideau Canal, as certified by the Lockmaster at both places.

Back of wharf, Grenville .....	20	Sawdust and sand.
Sandbar at Grenville.....	15	Pure sand.
do .....	12	do
Bay above L'Original.....	12½	Soft clay.
do do .....	12	do
do do .....	12	do
Bay below Lighthouse, L'Original .....	10	Clay.
Bay above Montebello.....	7	Clay, mud, roots of grass.
Close ashore below Nation.....	31	Hard blue clay.
Bay behind wharf, Rockland.....	15	Sawdust and clay.
Behind pier in bay at Rockland.....	23	Slabs and sawdust.
Bay below River du Lièvre .....	14	Sawdust and fine sand.
400 yards up River du Lièvre.....	16	Very coarse sand.
Bank at Blanche Lighthouse.....	12	Sand.
do do .....	12	do
do do .....	12	do