

NORTH AMERICA - EAST COAST
NEW YORK

HELL GATE AND ITS APPROACHES

BY LONG ISLAND SOUND
FROM THE UNITED STATES COAST SURVEY
1851

Table of Great Mill Rock
120° 46' 00" N.
73° 54' 2" W.

TIDES

HV&C. Blackwells Dock	IX 50"	Spring rise 6 feet	Neaps 21 feet
Astoria Ferry	IX 50		61
Pot Cove Mill Race	X 40		61
Paupers Dock	X 9		61

Flood — in hours. — 230
in sand, r. rock, a sand; hd. hard, ch. soft.
Magnetic Variation in 1851, increasing about 4' annually.

SOUNDINGS IN FEET



The portion East of Lawrence I.
is enlarged from the U.S. Chart
published in 1850. Scale as before.

