

divided into four principal groups: (1) true Atlantic oceanic water, or Gulf Stream water, (2) Mediterranean water, (3) Arctic polar water, and (4) the so-called *bottom-water*, all of which we were able to study on our voyage across to Ireland. Fig. 99 shows the positions of Stations 79-93, and the vertical distribution of the different water-masses in their relation to one another on our route from the Newfoundland Bank to Ireland. Near America, on the actual coast bank and just outside the edge of the bank (Stations 75-79), we found only the cold Labrador Current, which descends from Baffin's Bay, follows the coast of Labrador, and sweeps south-west past Newfoundland. Immediately outside St. John's we met several icebergs of the kind so familiar to all who cross the North

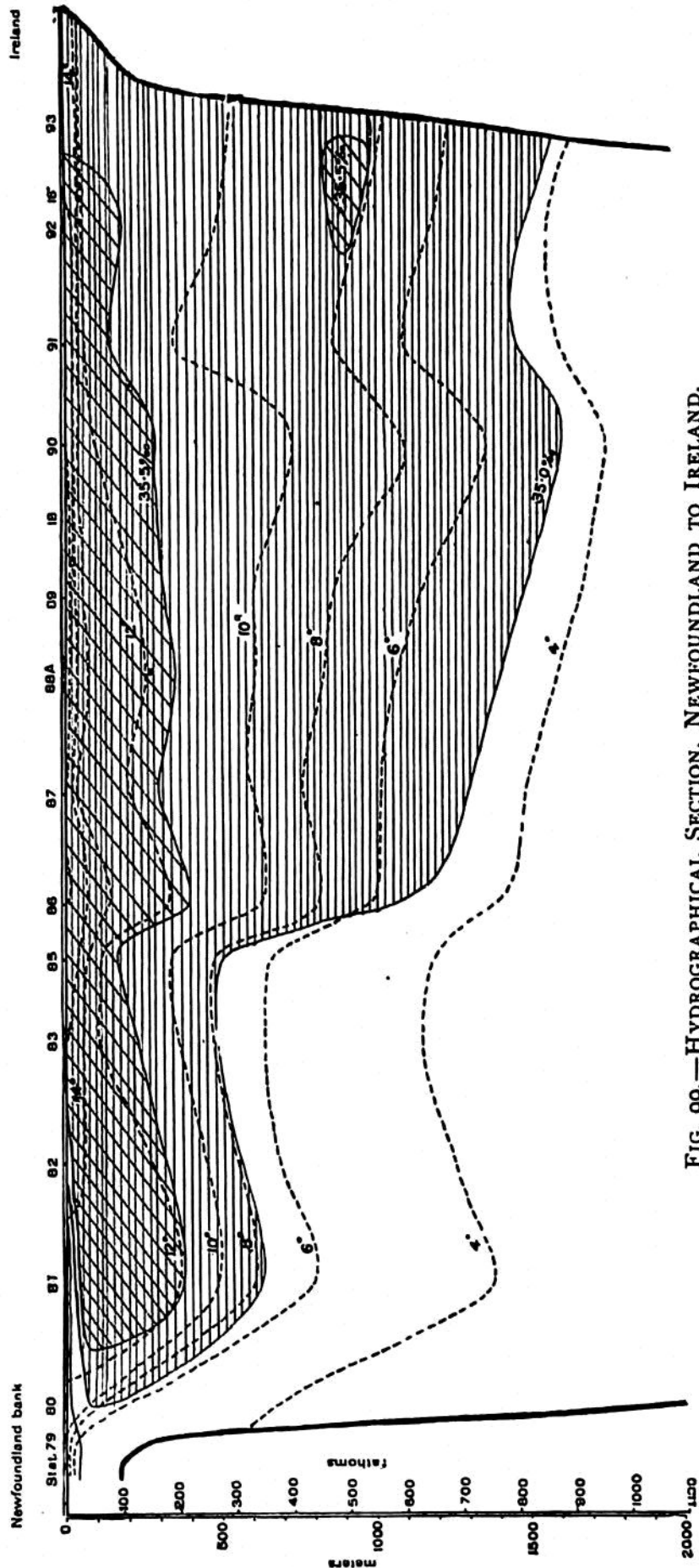


FIG. 99.—HYDROGRAPHICAL SECTION, NEWFOUNDLAND TO IRELAND.