

The courses of existing submarine currents over this region are not yet sufficiently determined to permit us to speak definitely regarding the outpush of the waters through the southeast channel and yet it is practically certain that this is the predominant trend of the major deep water movements of the Gulf.



The Gulf of St. Lawrence thus owes its existence chiefly to two determinant factors of very ancient date: the break down of the rocks which produced "Logan's Fault"; the curvature of the northern orogenic axis which effected a syntaxis or a protrusion of the northern against the southern Appalachian folds. The broken down basin between is a natural and resultant area of rock weakness which has had its short periods of low elevation above the sea, but longer periods of depression.

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