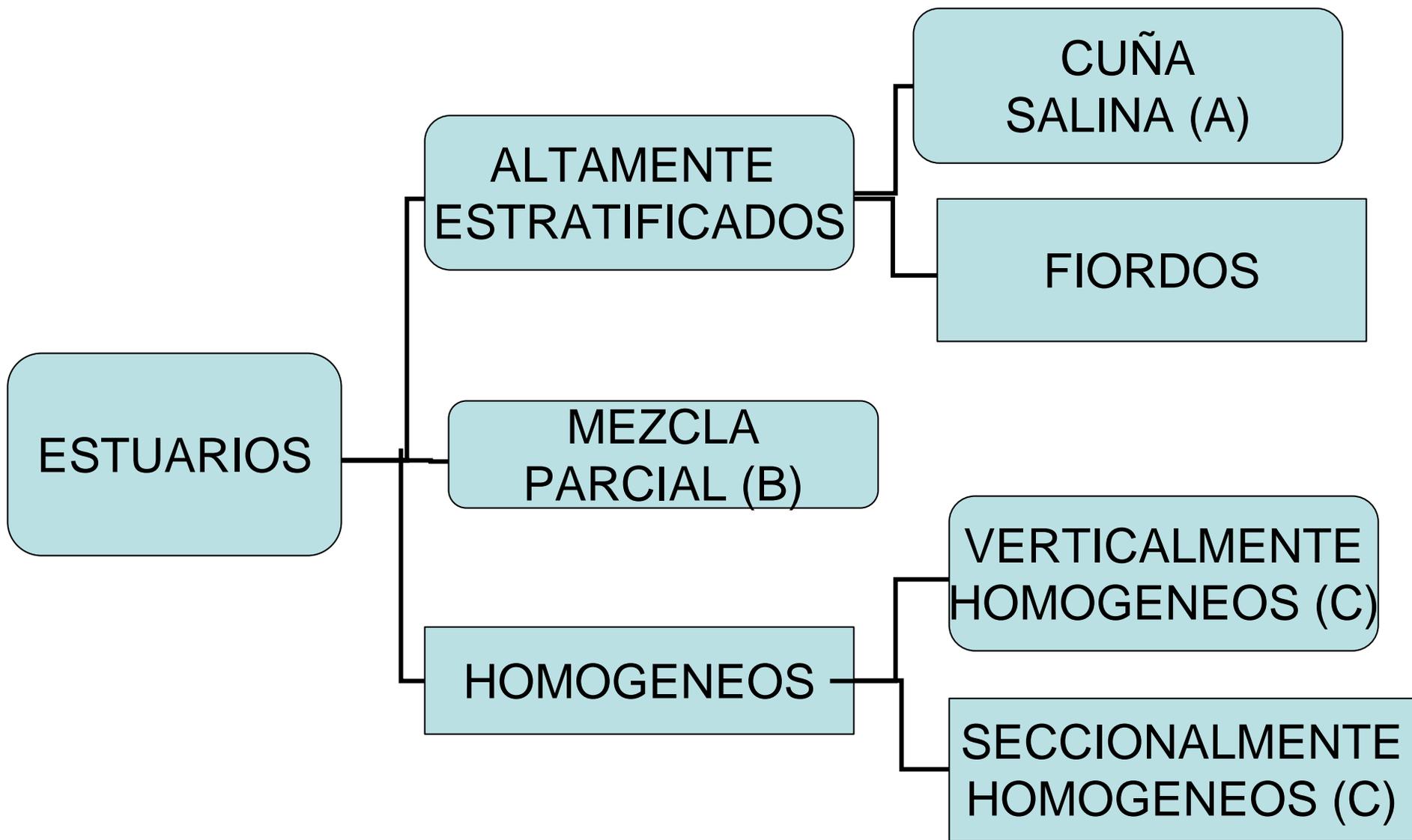
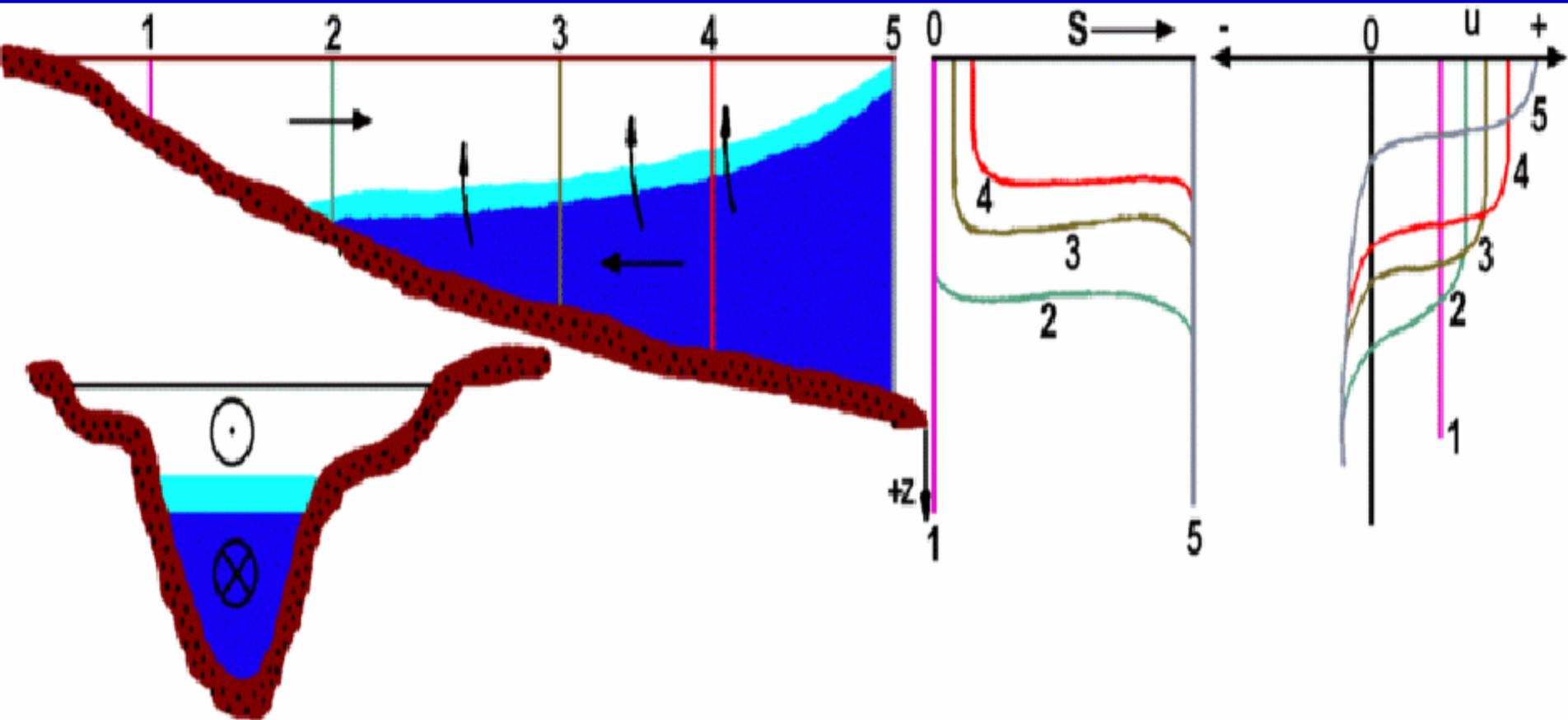


An aerial photograph of a coastal estuary. The water is a deep blue, and a large, light-colored sandbar or tidal flat is visible on the right side. The text is overlaid in the center of the image.

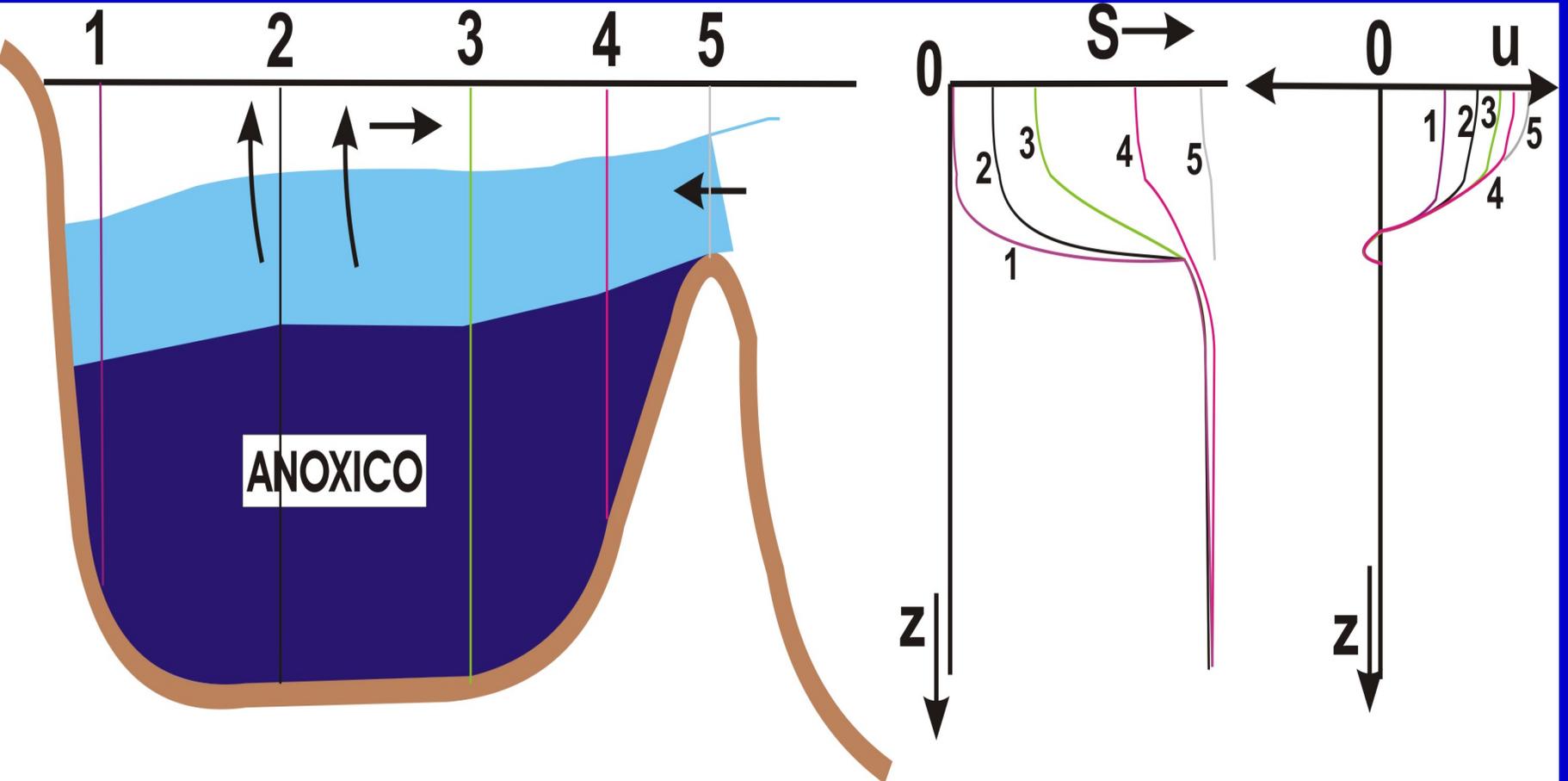
CLASIFICACIONES FISICAS DE ESTUARIOS



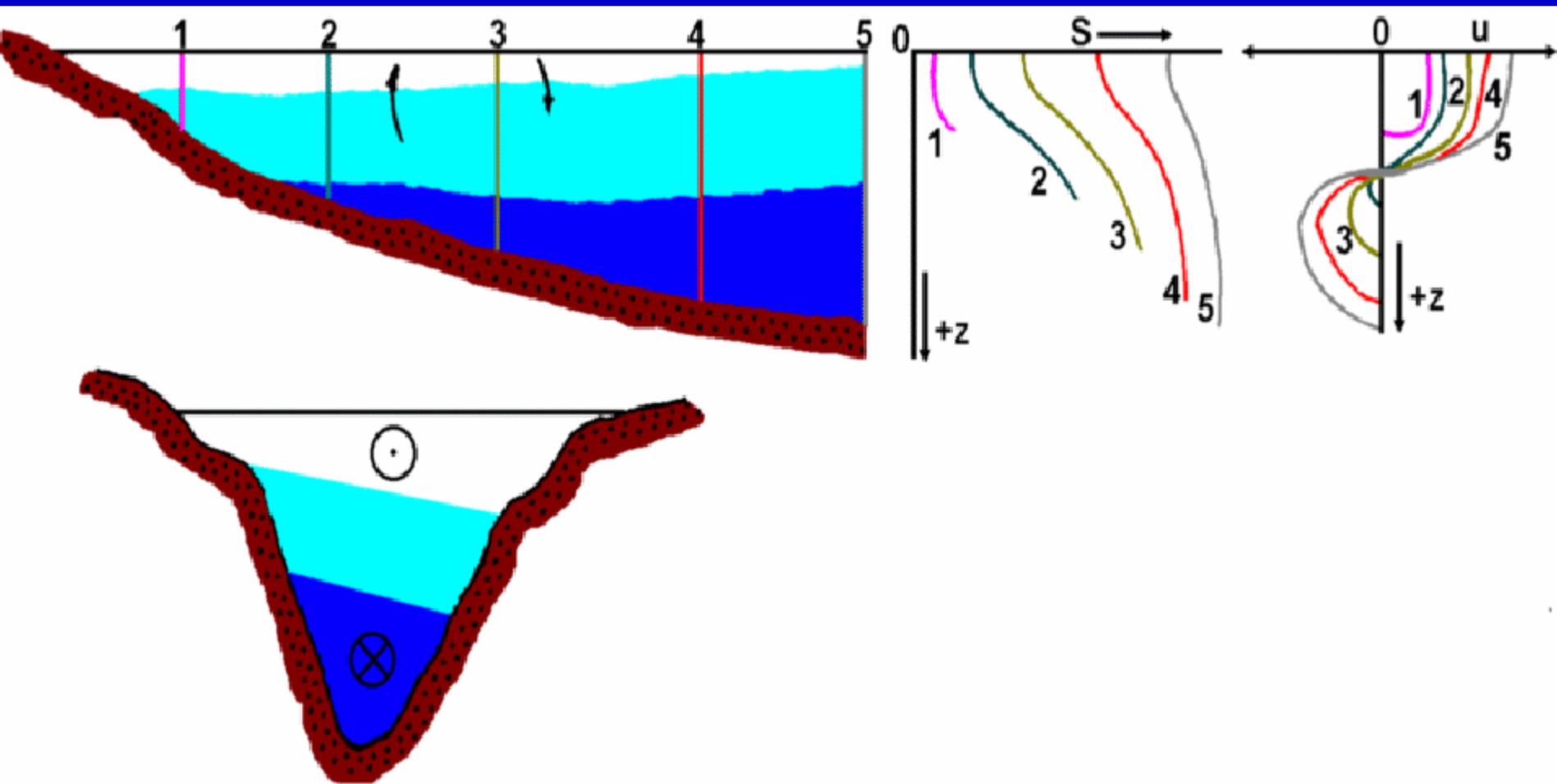
CUÑA SALINA (A)



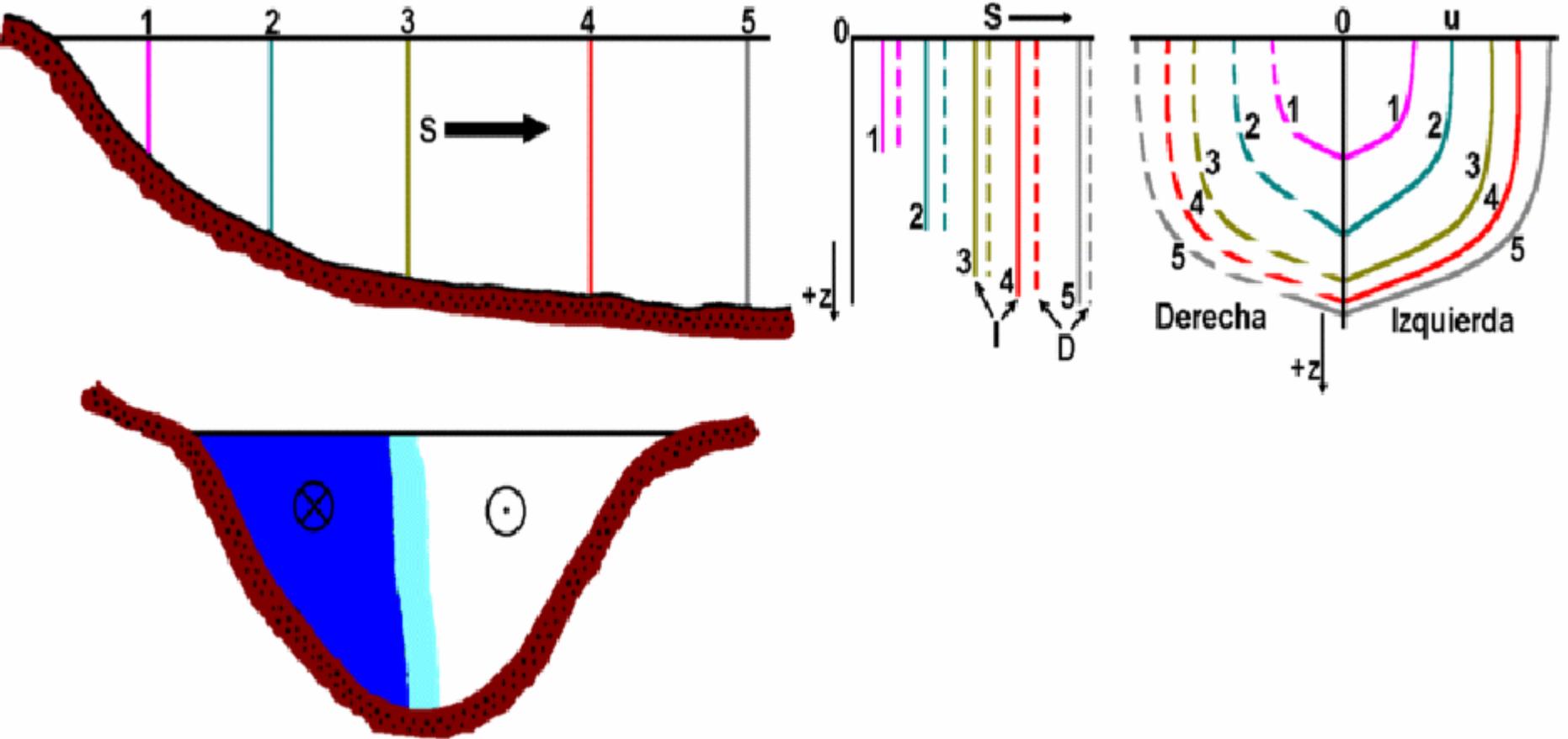
FIORDO



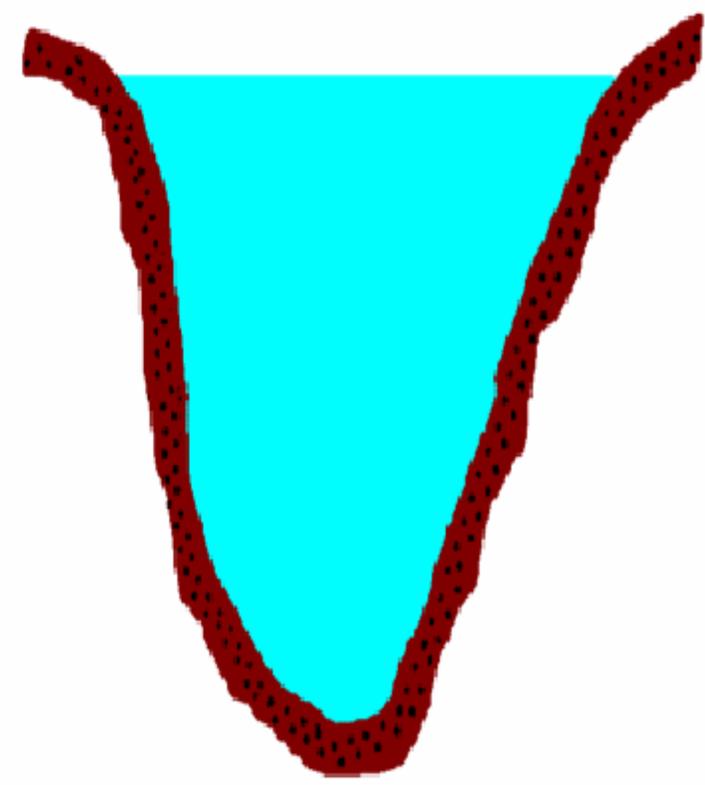
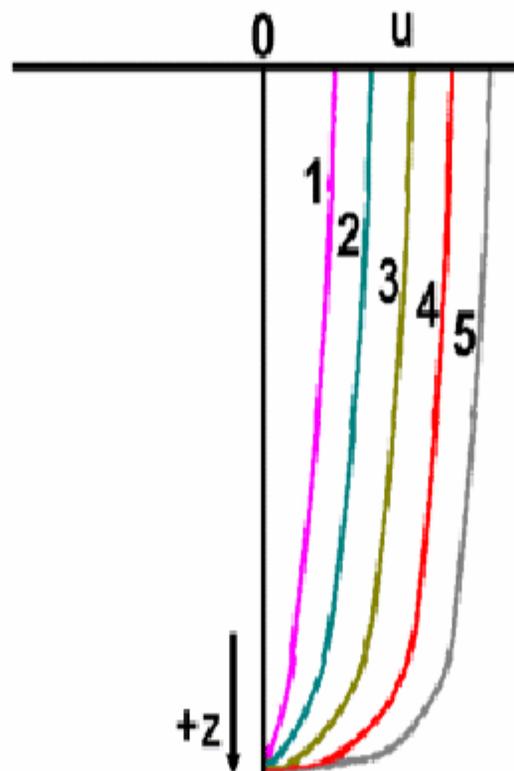
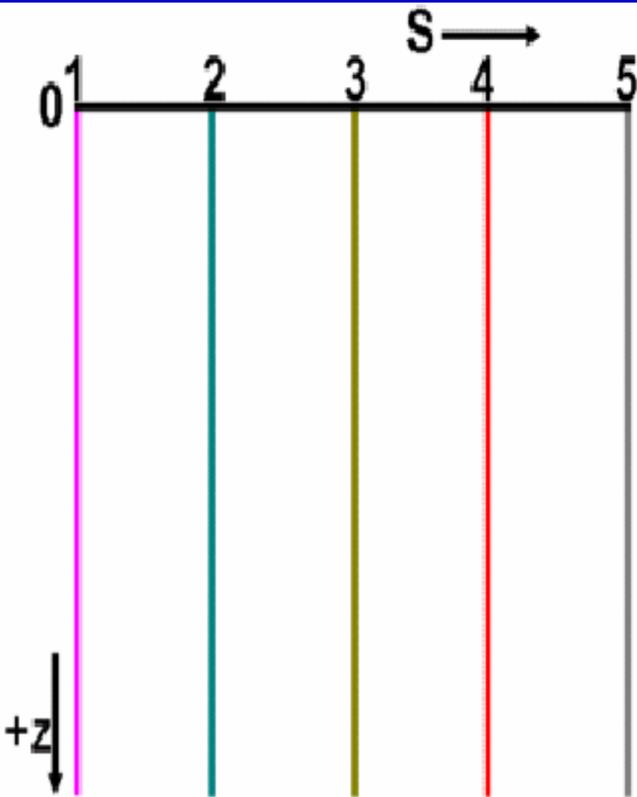
MEZCLA PARCIAL (B)



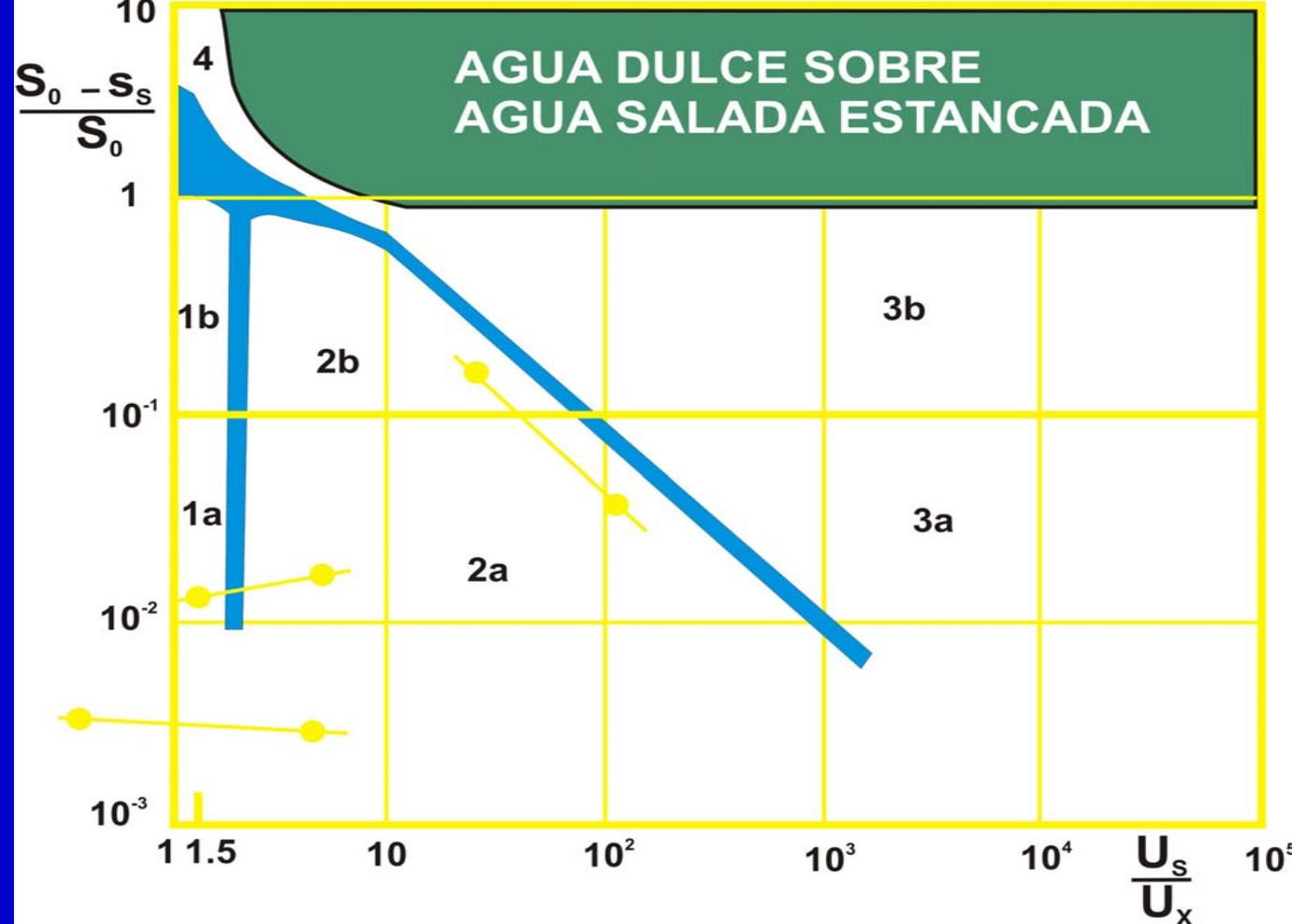
VERTICALMENTE HOMOGENEOS (C)



SECCIONALMENTE HOMOGENEOS (D)

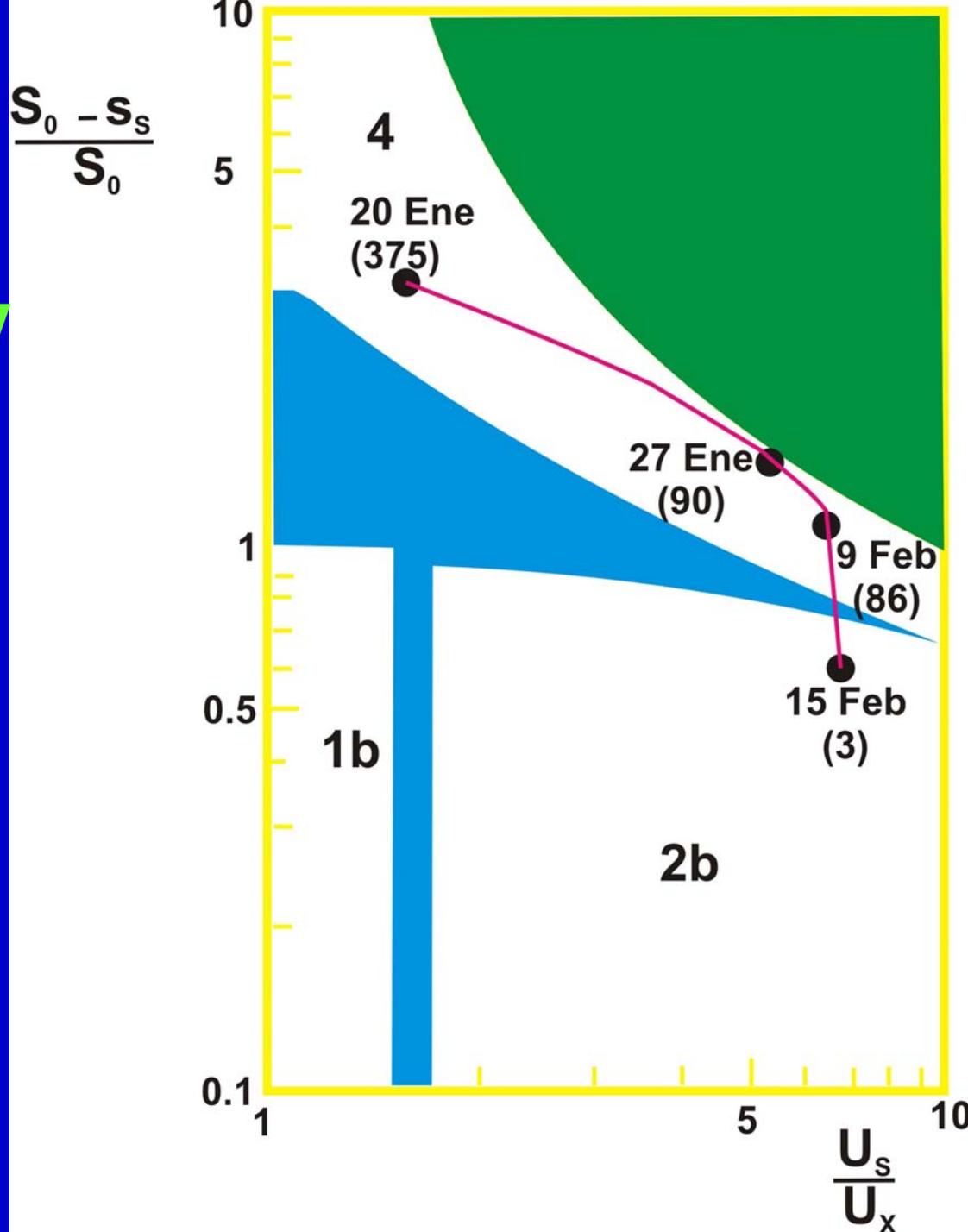


HANSEN Y RATTRAY (1966)



- 1.- Flujo neto hacia la boca en todo z ingreso de sal por difusión
 - 1a.- Suave estratificación = Lateralmente
 - 1b.- Estratificación apreciable pero no flujo residual hacia la cabecera en el fondo
- 2.- Flujo residual revierte en z = Mezcla
Advección y difusión transportan S hacia la cabecera
- 3.- Transporte de sal es advectivo
 - 3a.- Estrechos
 - 3b.- Fiordos
- 4.- Cuña Salina

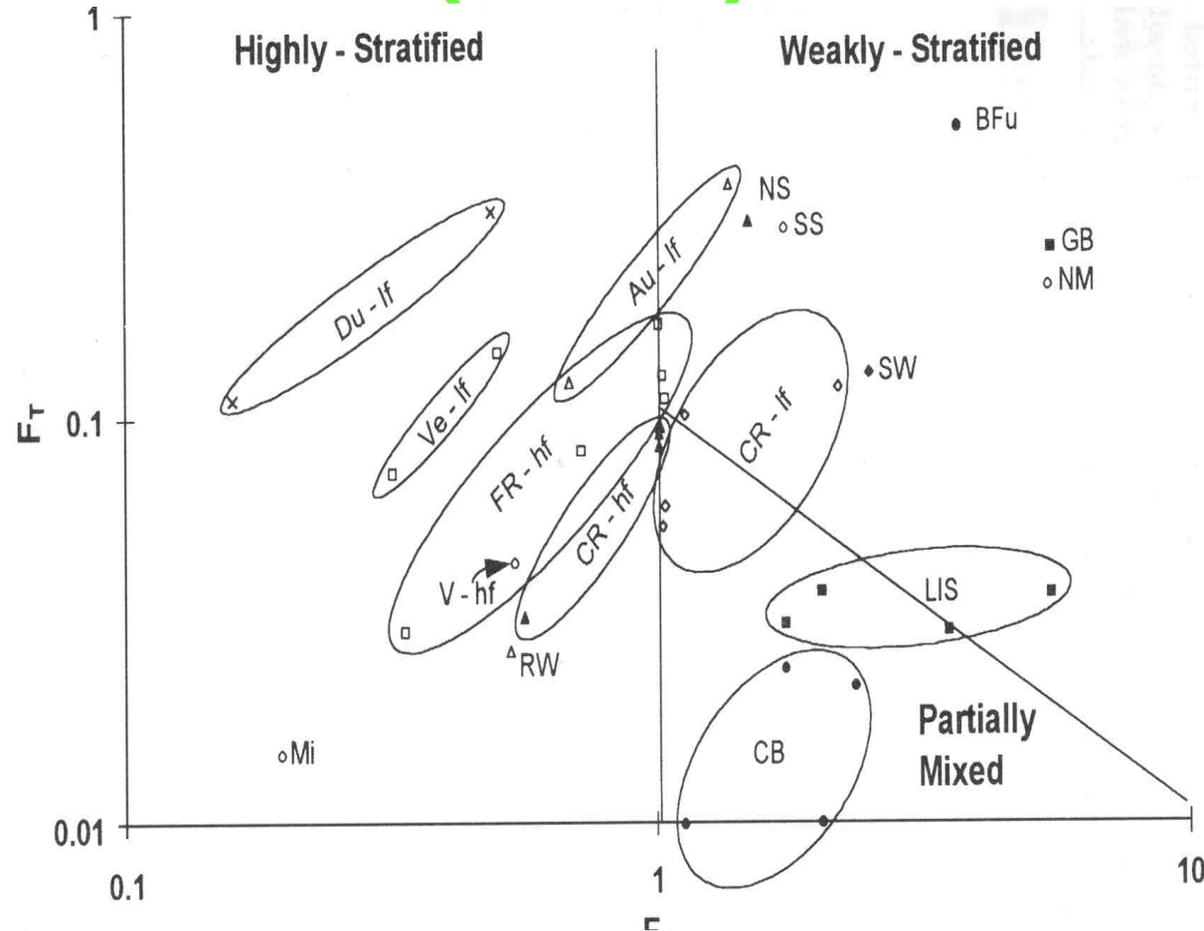
Hansen y Rattray Variación en el tiempo



Jay y Smith (1998)

$$F_B = \left(\frac{\Delta\rho_H}{\Delta\rho_V} \right)^{\frac{1}{2}}$$

$$F_T = \frac{\xi}{d}$$



Estuario Total

ξ H marea media

d z media

PARAMETRO HIDRAULICO (P/R)

D	D	D	D
C	C	C	D
B	B	C	D
A	B	C	D

PARAMETRO GEOMETRICO (d/b)

PARAMETRO HIDRAULICO (P/R)

