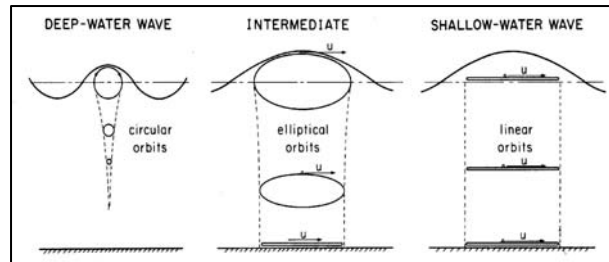
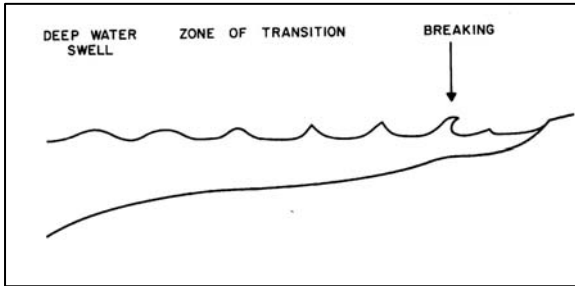


# GY 402 Sedimentary Petrology

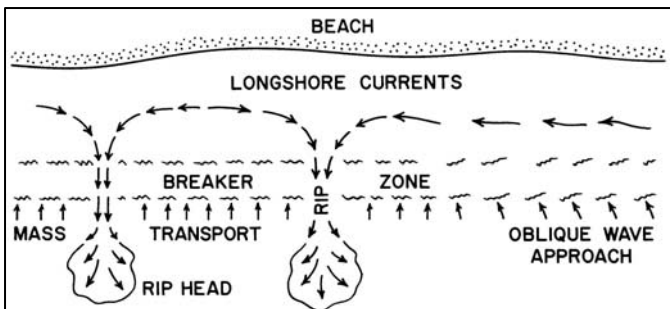
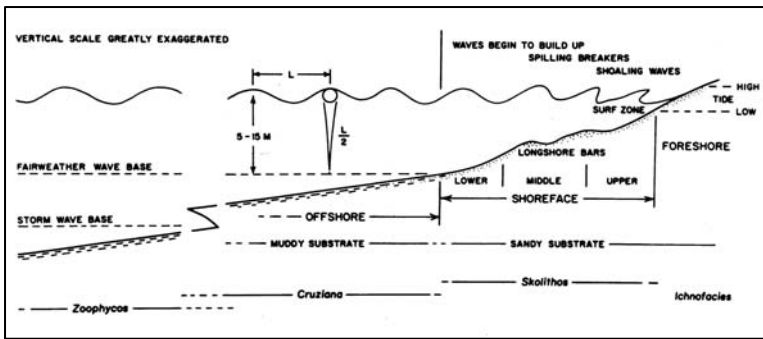
## Lectures 10 and 11: Mature Siliciclastic Rocks and Environments

- Matrix**
- Heterogeneous
  - Chemically impure
  - Drapes over grains\*
  - Predates cements
  - Generally dark in color\*

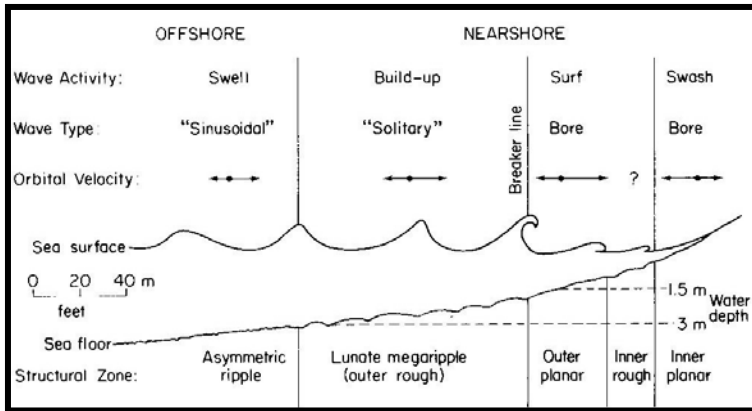
- Cement**
- Homogeneous
  - Chemically pure
  - Lines pores
  - Specific fabrics
  - Multiphased
  - zoned



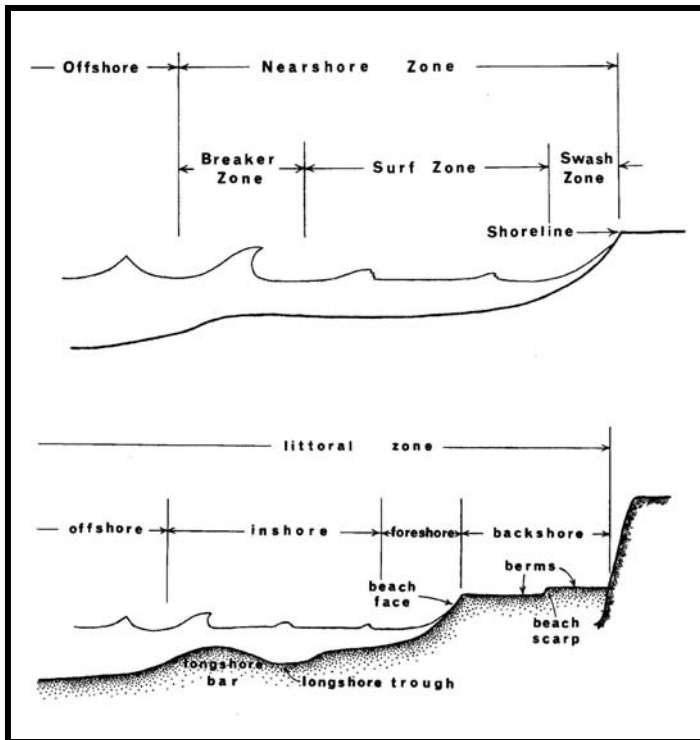
From Komar, P.D., 1998. Beach Processes and Sedimentation. Prentice Hall, New Jersey, 544p.



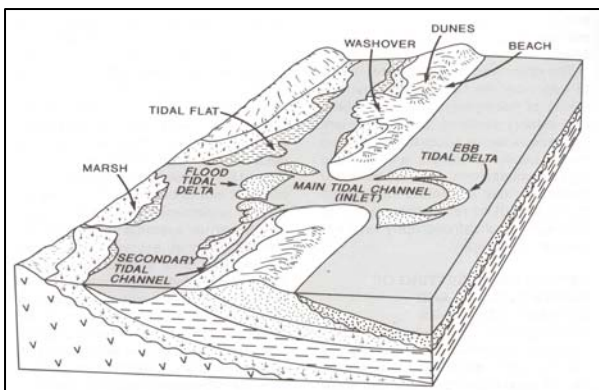
From Walker, R.G. and James, N.P. (1992). Facies Models: Response to Sea Level Change. *Geological Association of Canada*, 409p.



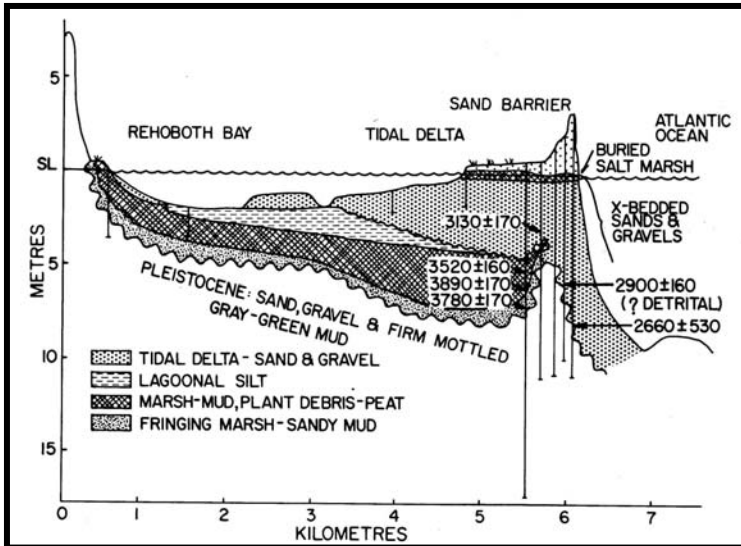
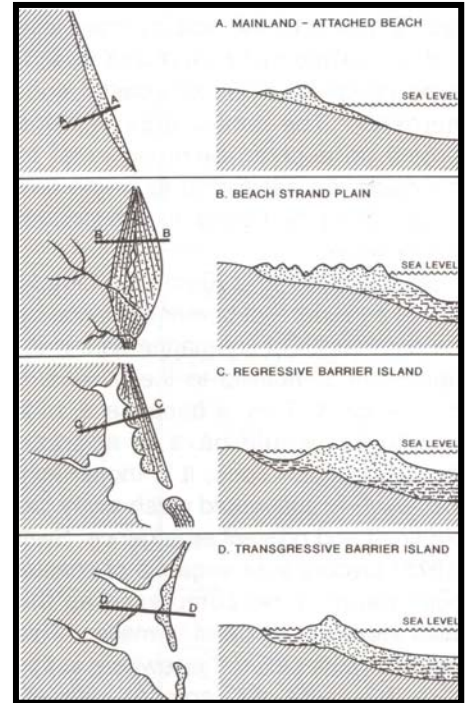
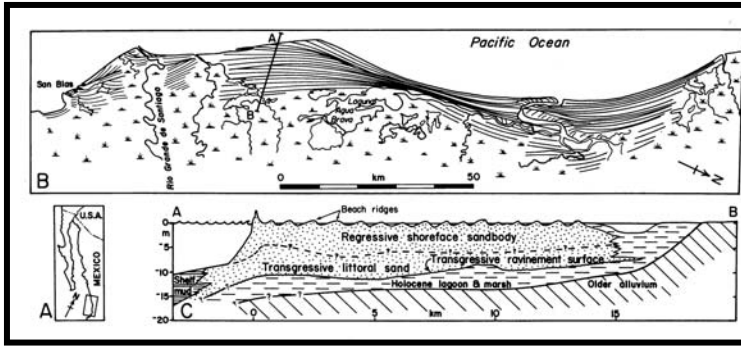
From Blatt, H, Middleton, G. and Murray, R., 1980. *Origin of Sedimentary Rocks*. Prentice Hill, 782 p.



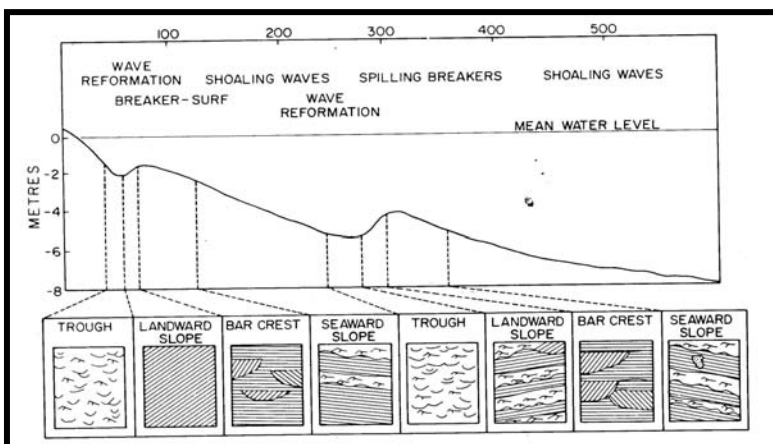
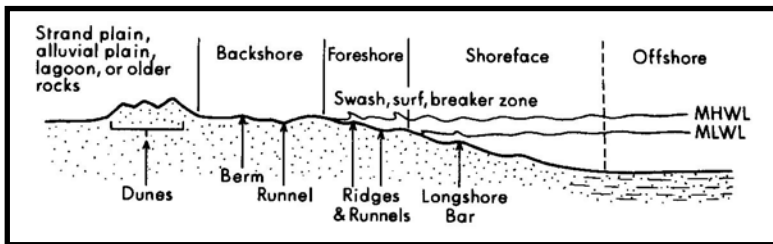
From Komar, P.D., 1998. *Beach Processes and Sedimentation*. Prentice Hall, New Jersey, 544p.

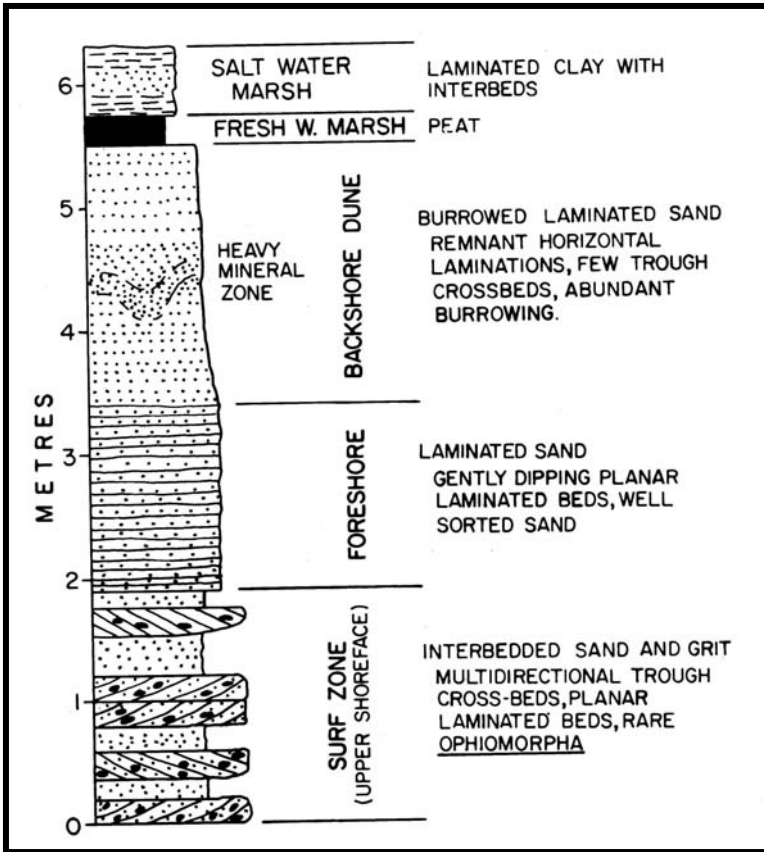


From Walker, R.G. and James, N.P. (1992). *Facies Models: Response to Sea Level Change*. Geological Association of Canada, 409p.



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