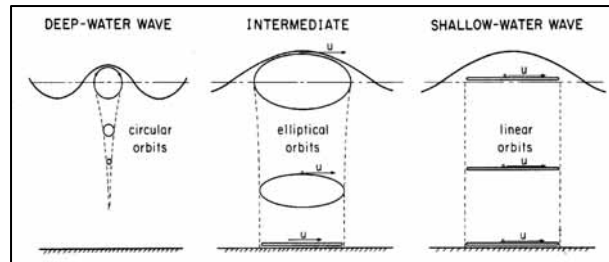
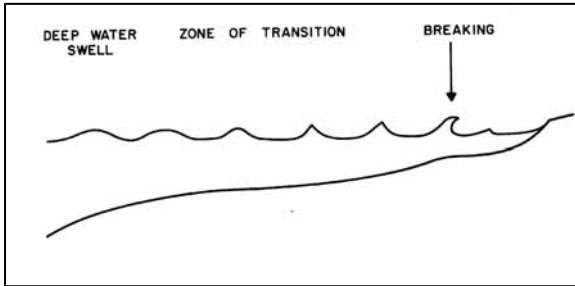


GY 402 Sedimentary Petrology

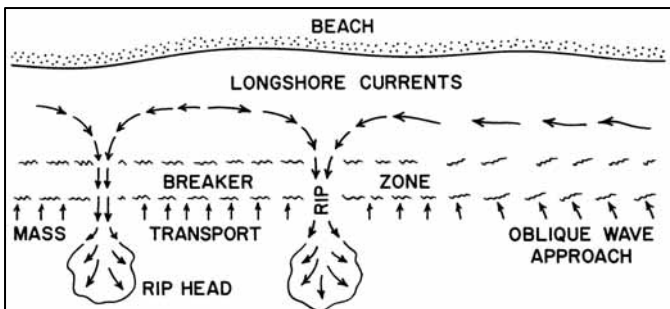
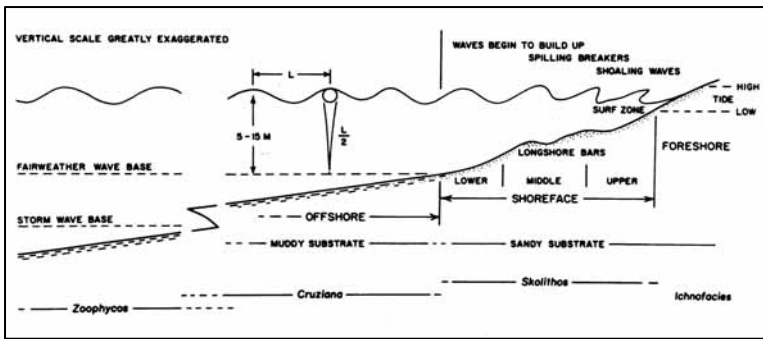
Lectures 11 and 12: Mature Siliciclastic Rocks and Environments

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

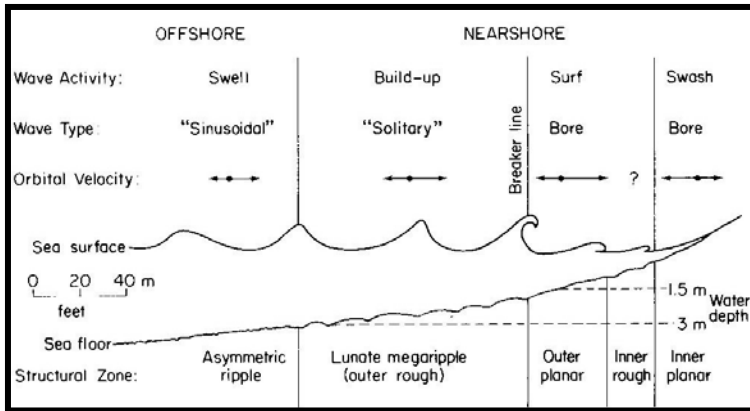
- Cement**
- Homogeneous
 - Chemically pure
 - Lines pores
 - Specific fabrics
 - Multiphased
 - zoned



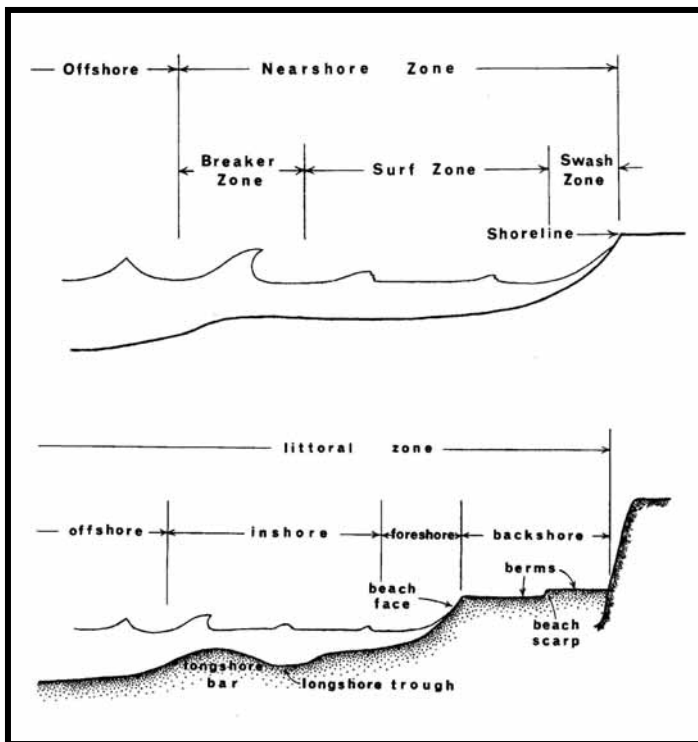
From Komar, P.D., 1998. Beach Processes and Sedimentation. Prentice Hall, New Jersey, 544p.



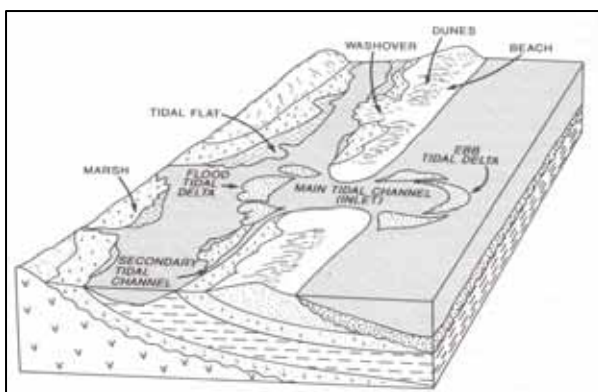
From Walker, R.G. and James, N.P. (1992). Facies Models: Response to Sea Level Change. *Geological Association of Canada*, 409p.



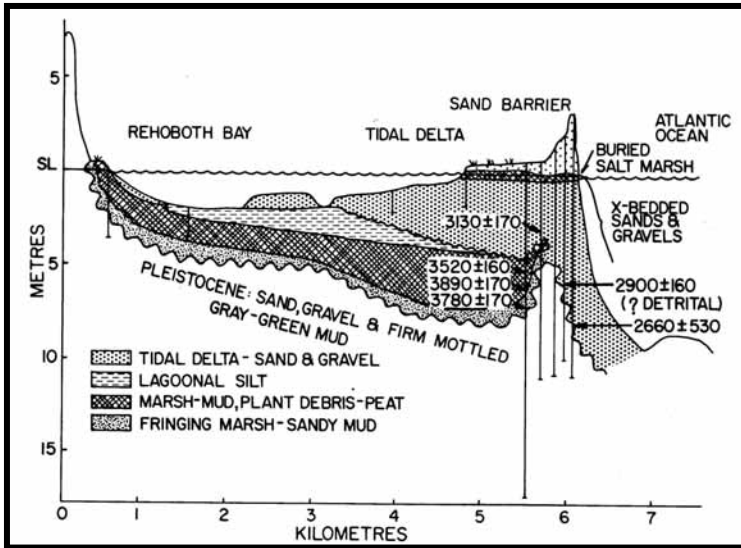
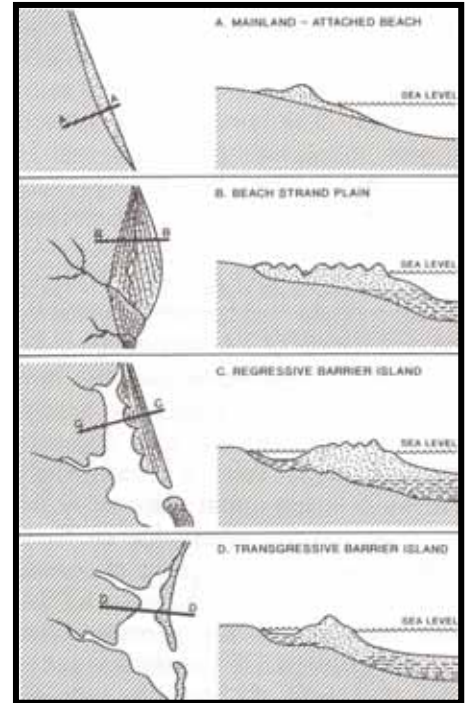
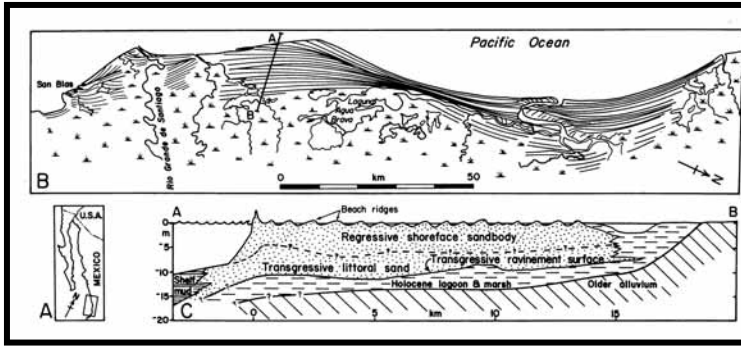
From Blatt, H, Middleton, G. and Murray, R., 1980. Origin of Sedimentary Rocks. Prentice Hill, 782 p.



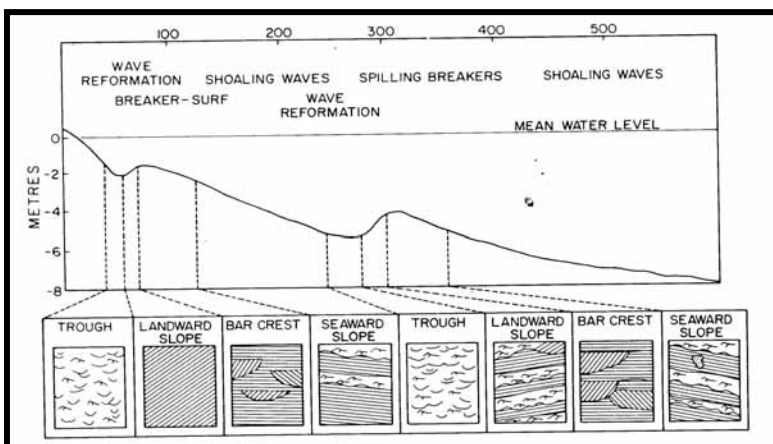
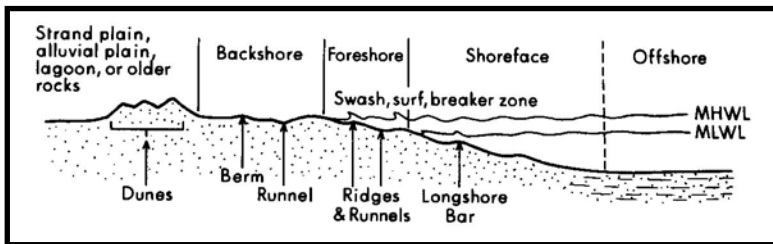
From Komar, P.D., 1998. Beach Processes and Sedimentation. Prentice Hall, New Jersey, 544p.

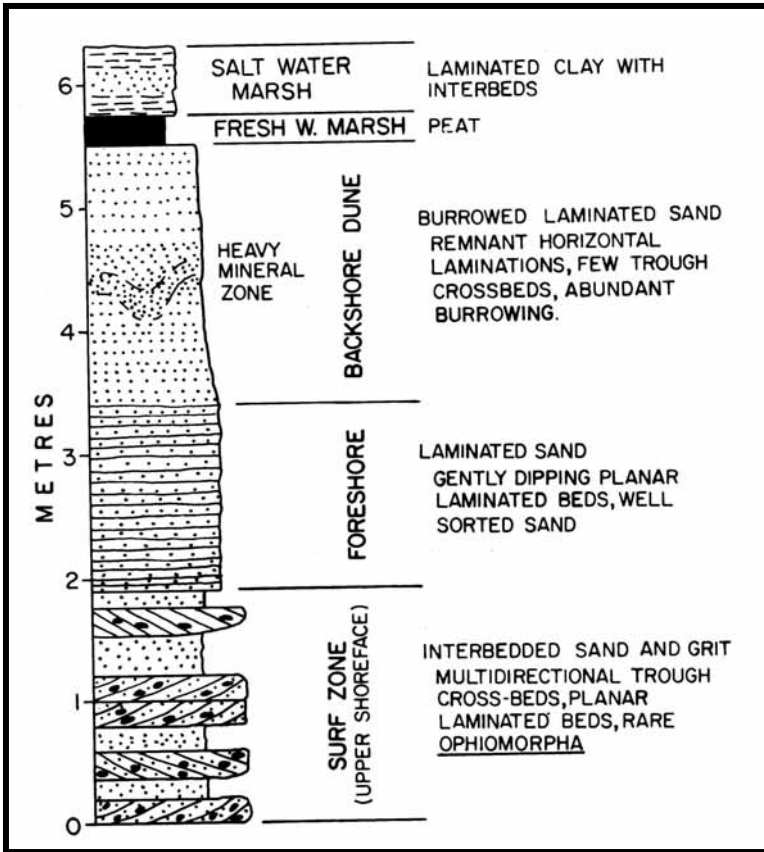


From Walker, R.G. and James, N.P. (1992). Facies Models: Response to Sea Level Change. Geological Association of Canada, 409p.



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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