

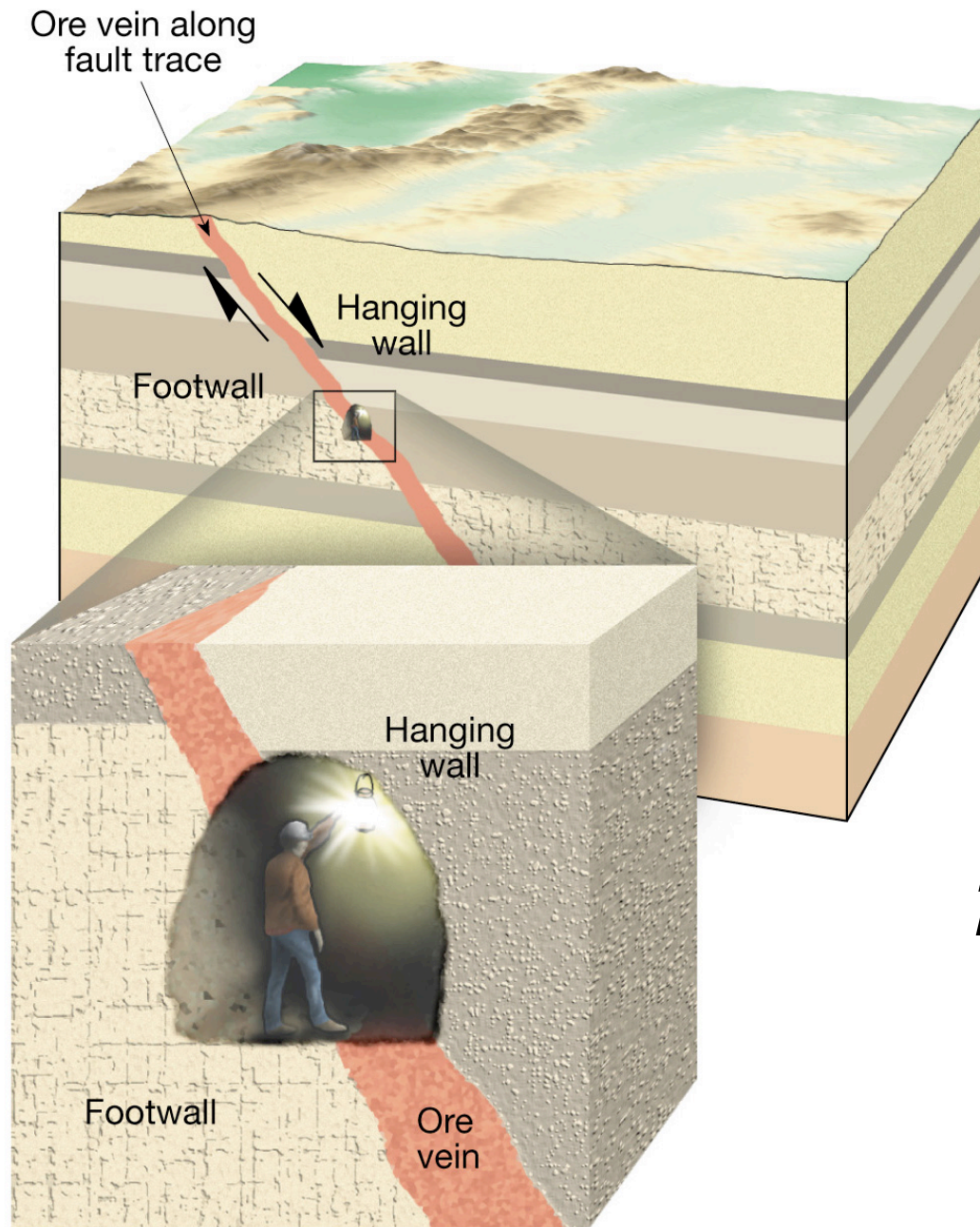
Faults

- **Faults are fractures in rocks along which appreciable displacement has taken place**



Faults

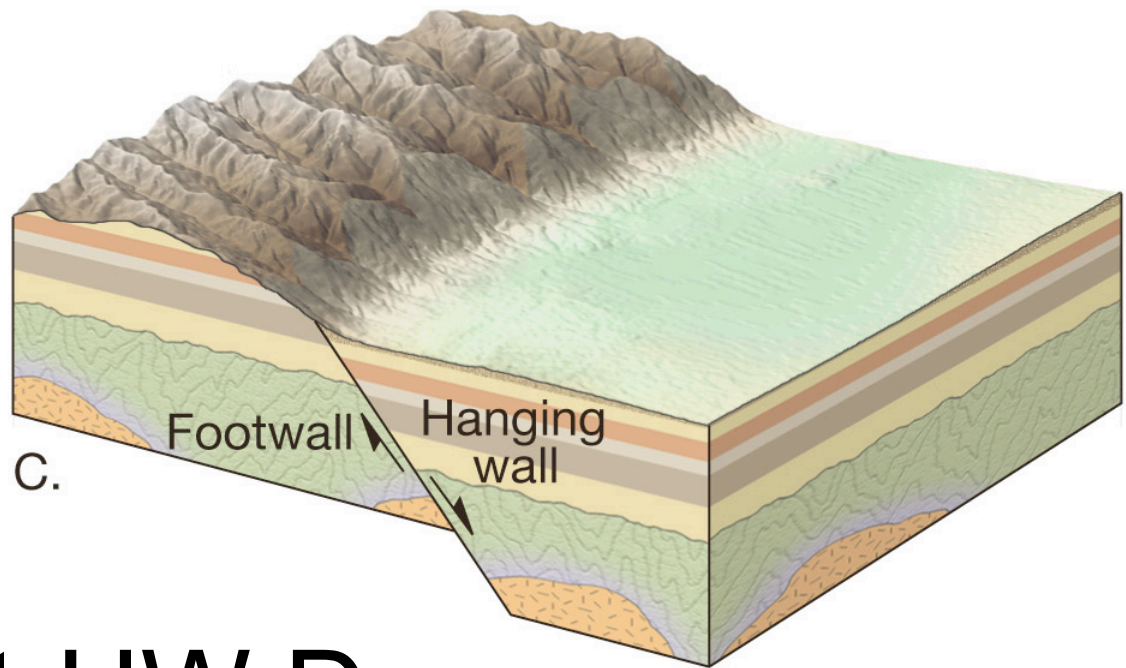
- **Types of faults**
 - **Dip-slip faults- Movement is parallel to the fault surface**
 - **Thrust--Low angle faults**
 - **Strike-Slip--Horizontal Motion**



Dip Slip Motion

Hanging wall and footwall along a fault surface

Figure 10.20



Normal Fault-HW Down

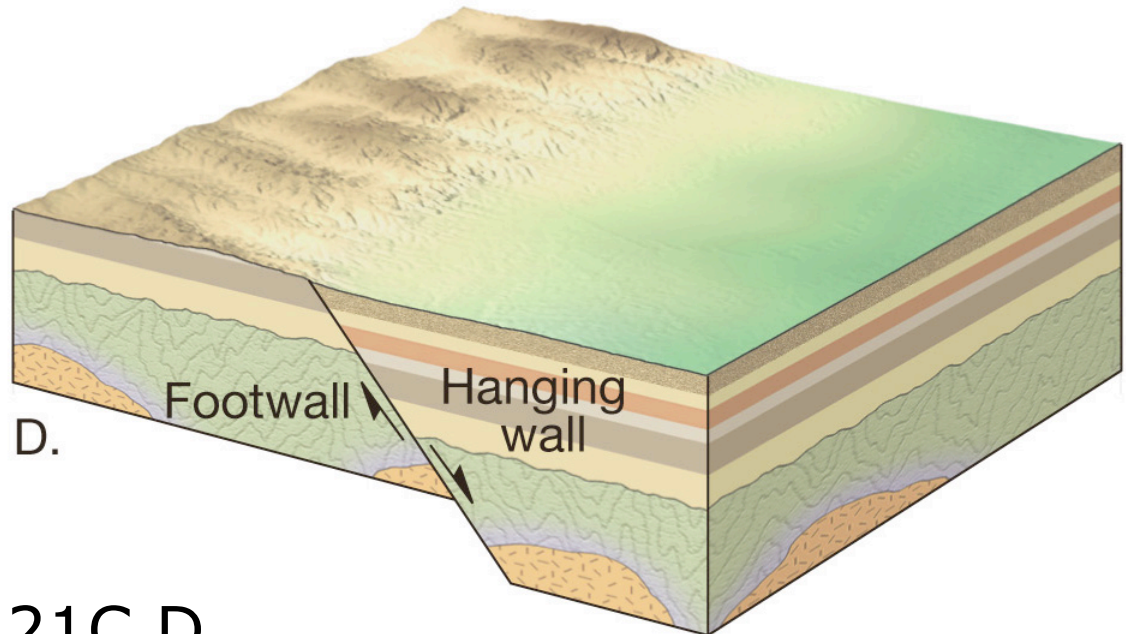
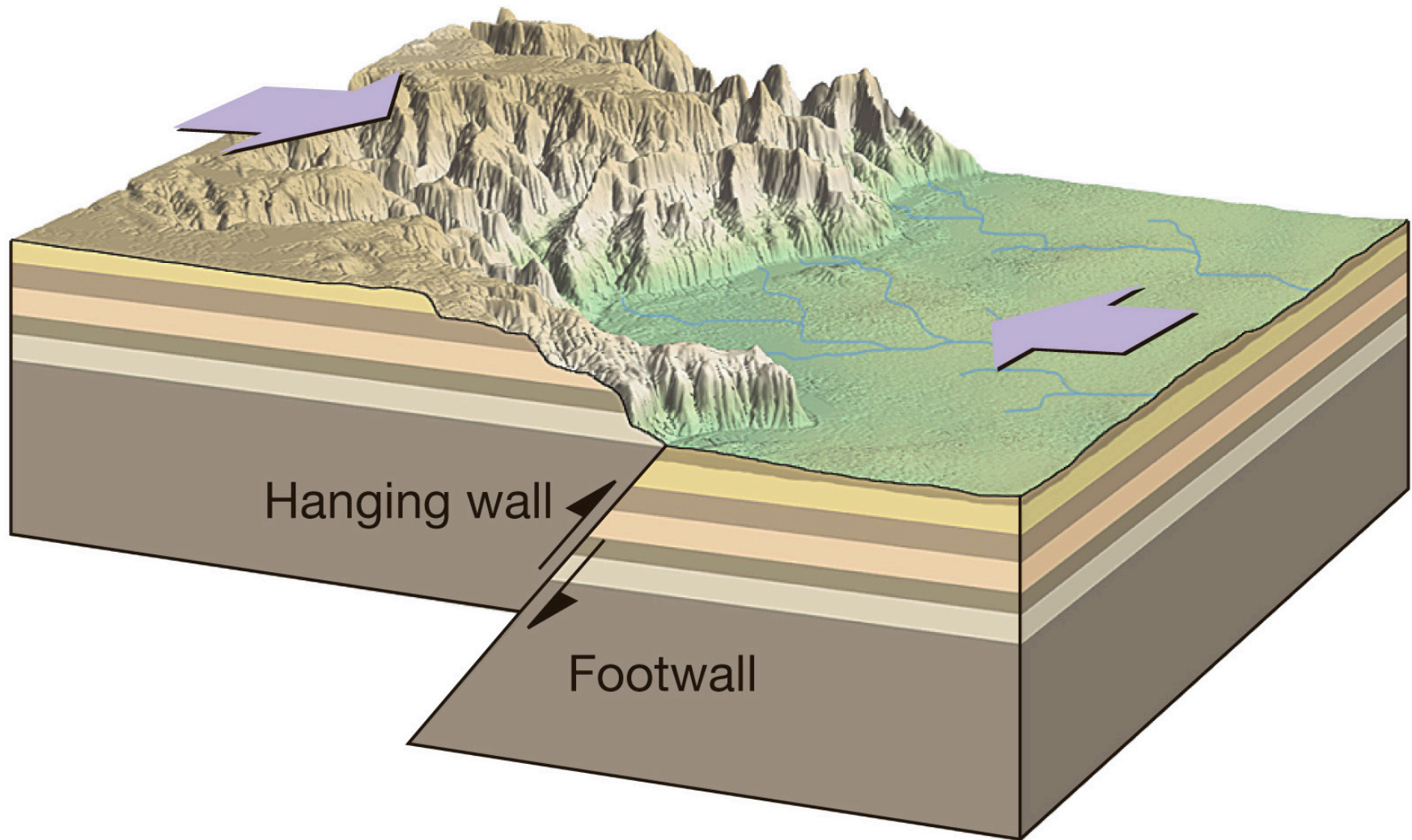


Figure 10.21C,D

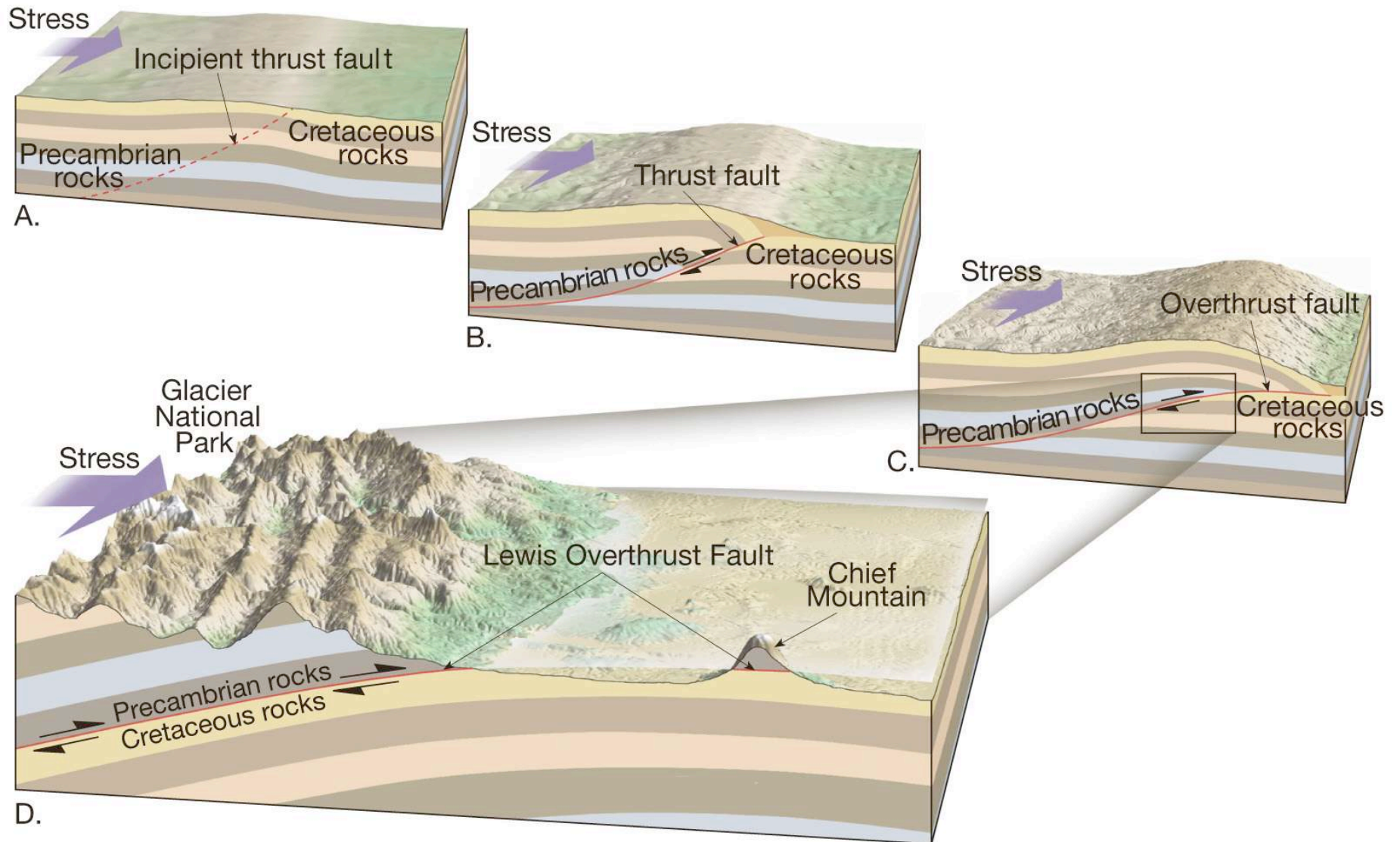
Reverse fault--HW Up



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Figure 10.23

Thrust Fault--Low Angle



A right-lateral strike-slip fault

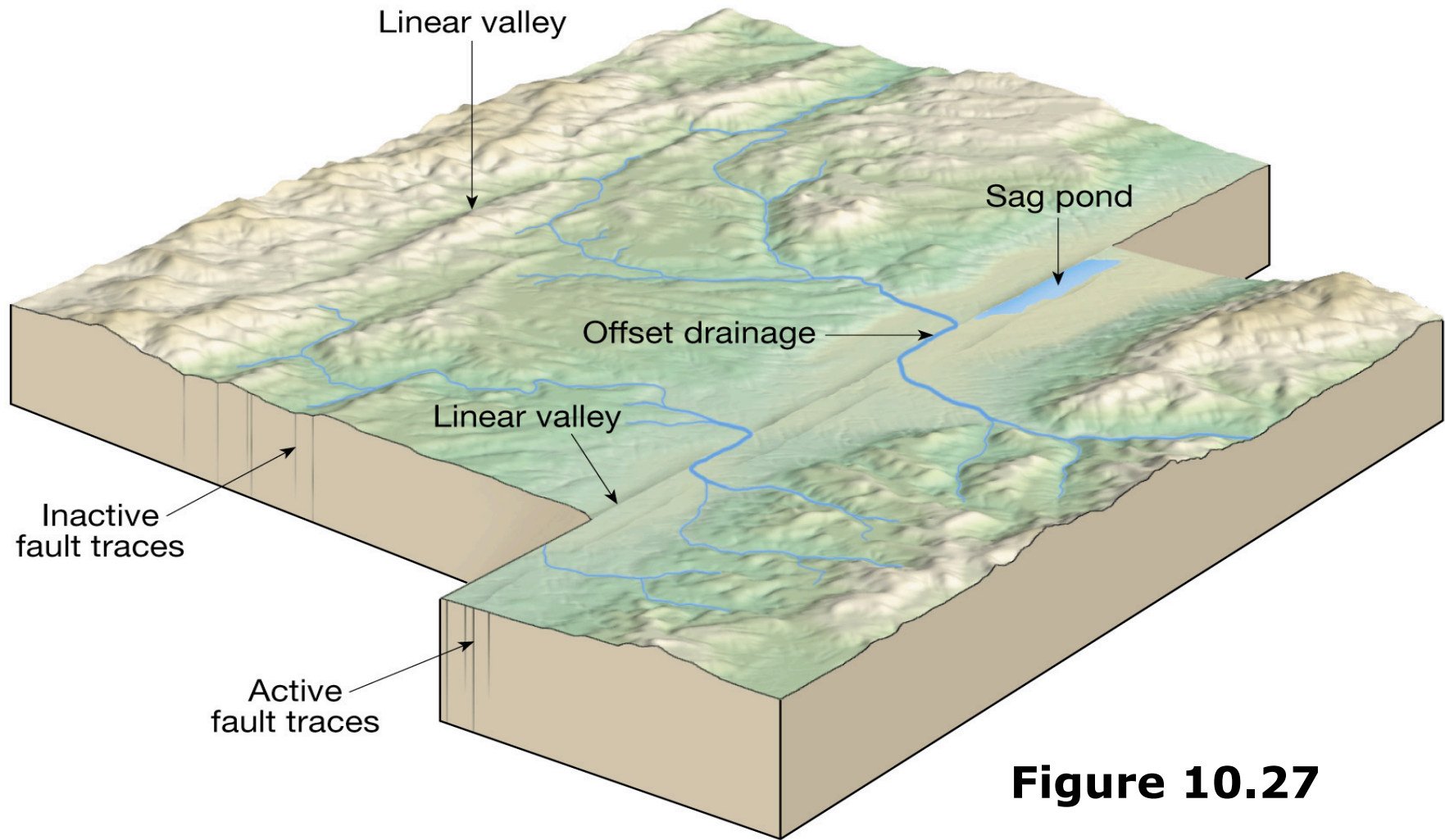


Figure 10.27



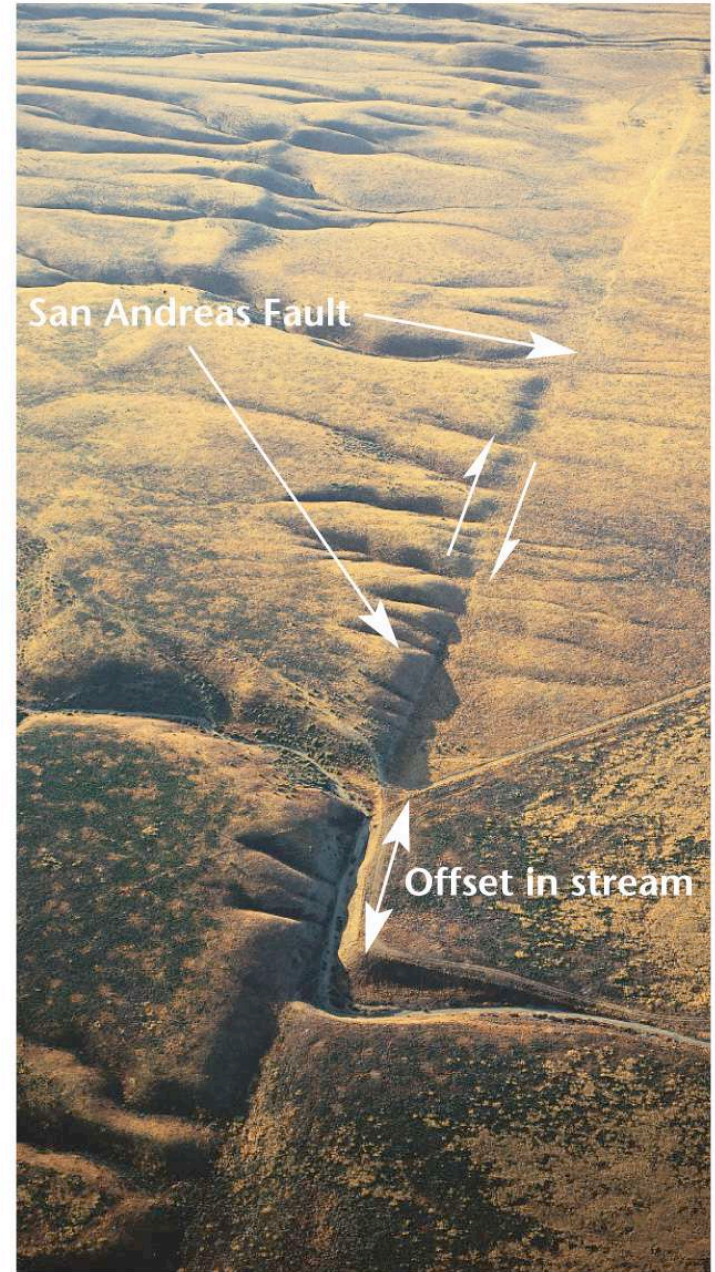
The San Andreas Fault system

Figure 10.B

San Andreas



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Which Kind??



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Which Kind??



End of Chapter 10