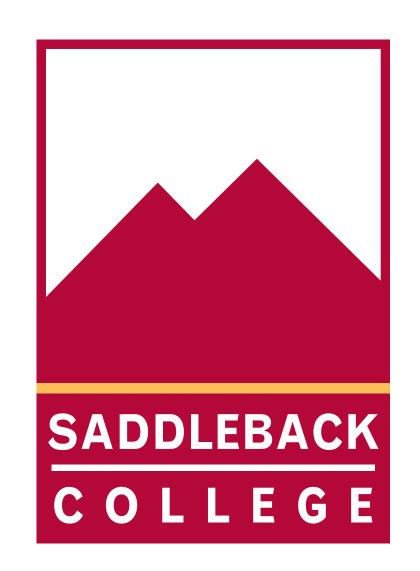
3D Geology Boot Camp



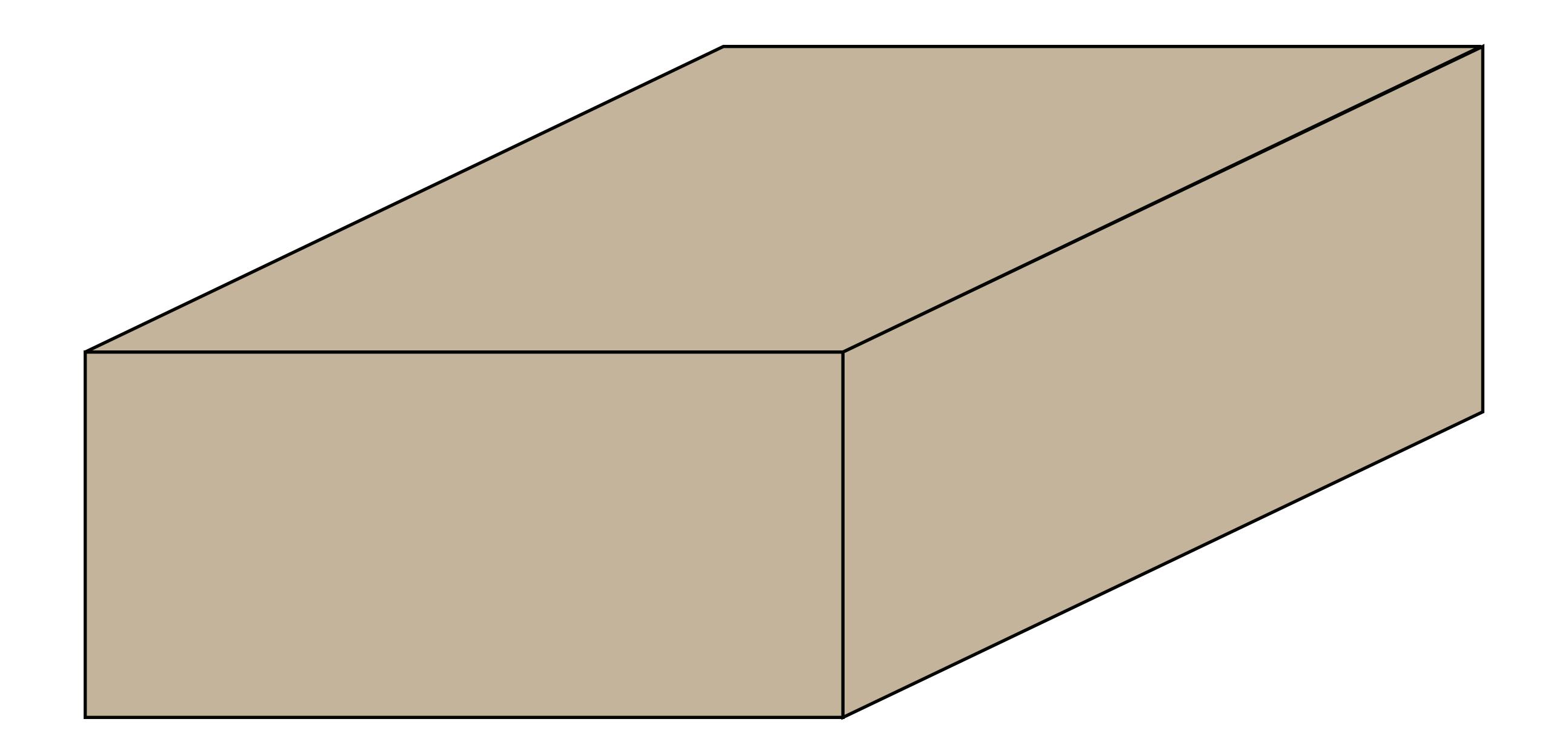
Dr. Ryan J. McCarty rmccarty@Saddleback.edu

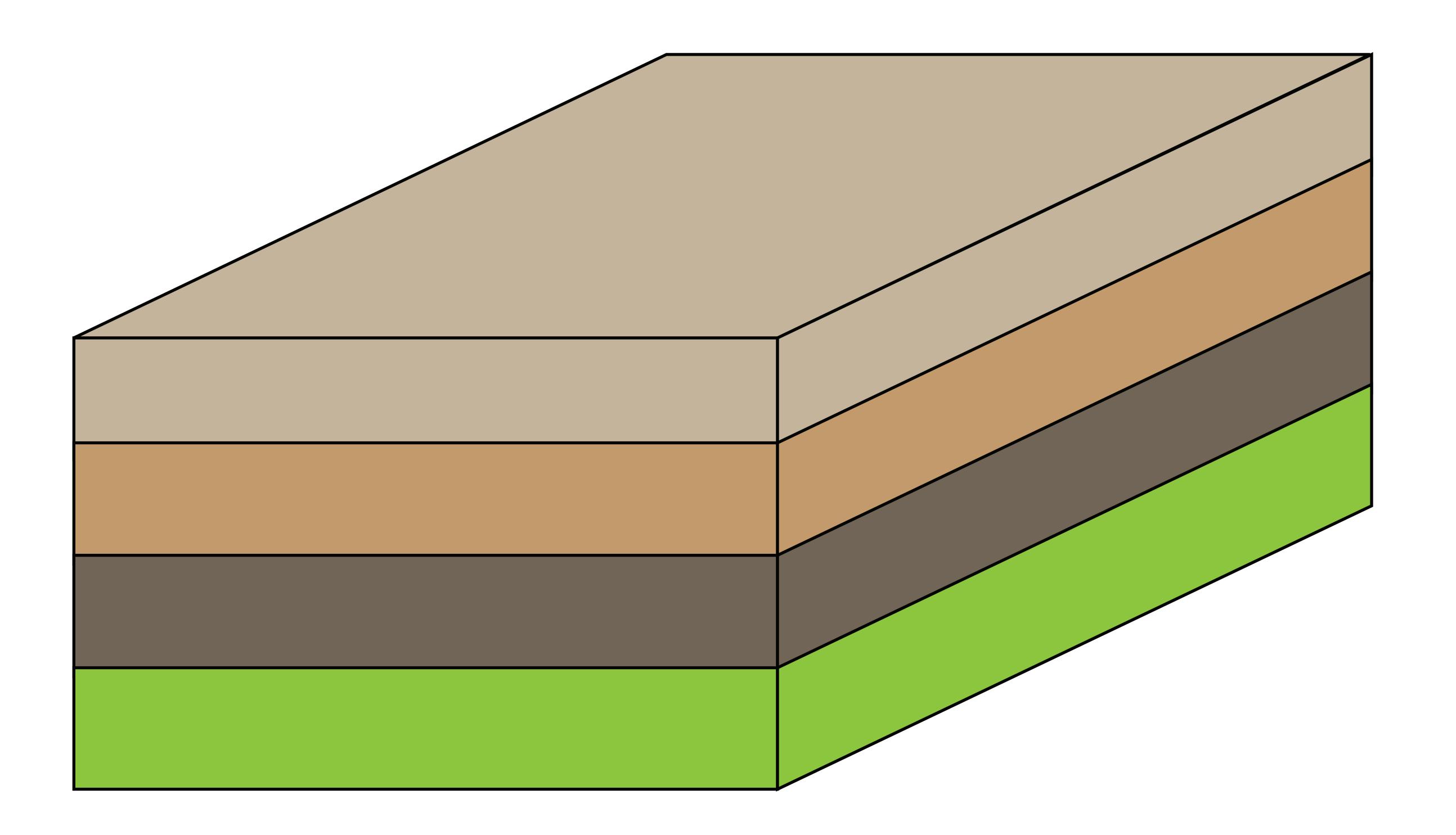
Office hours 8:30-9:00

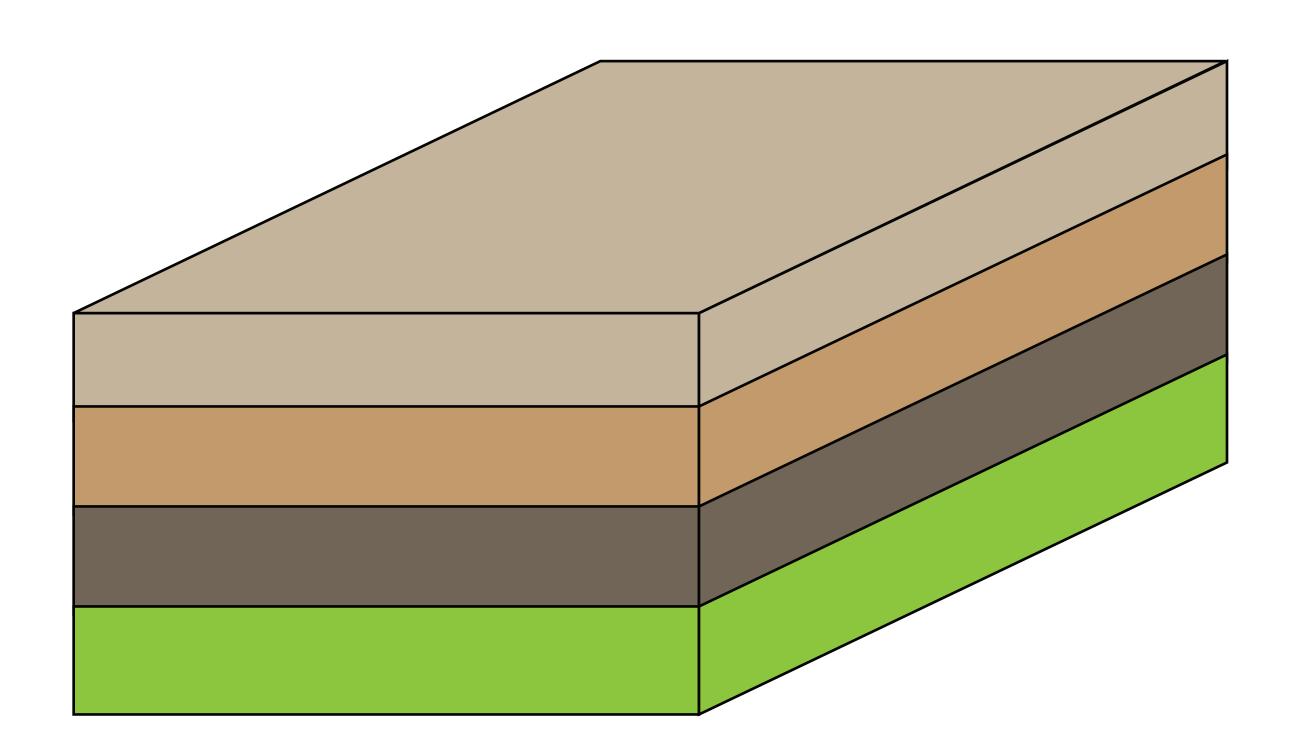
12:00-12:30, 5:00-6:00

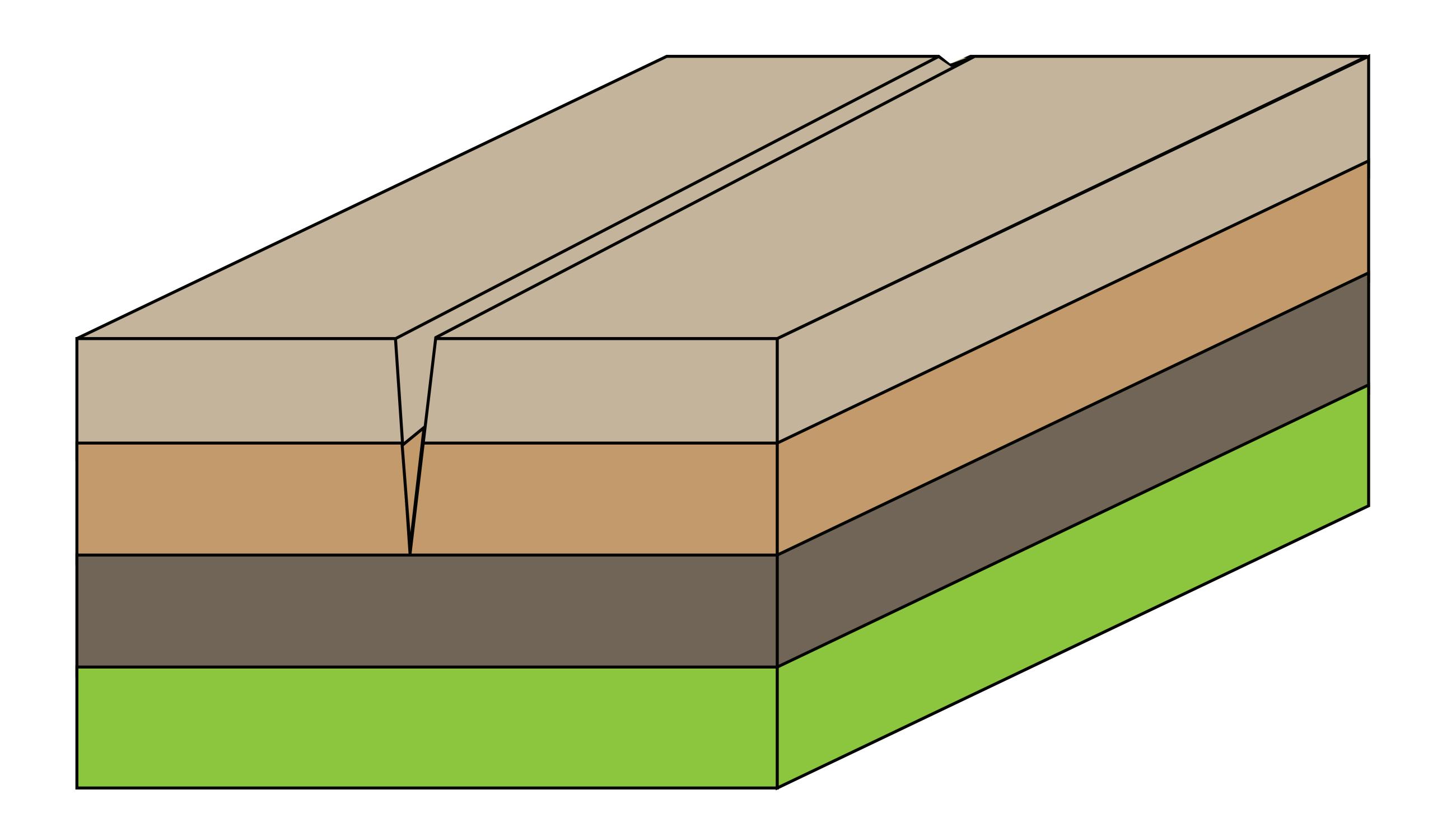


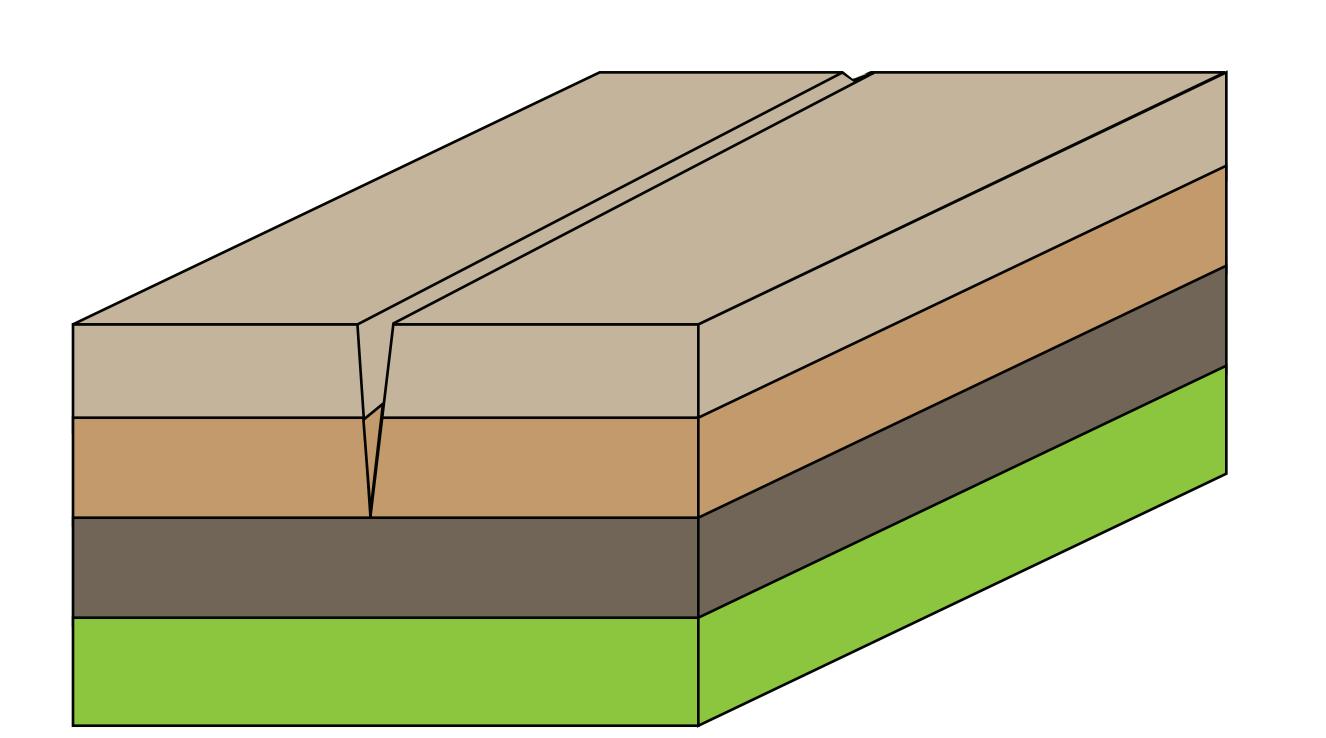








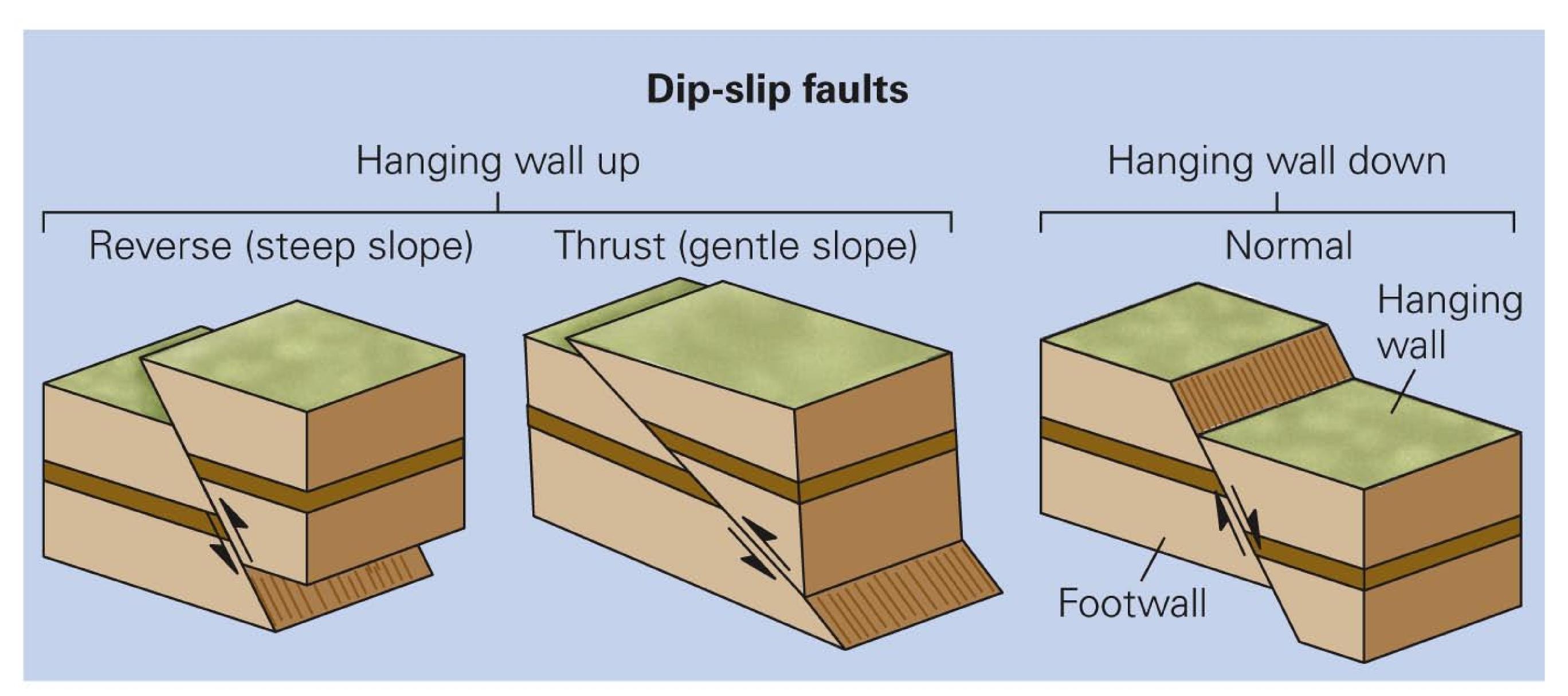




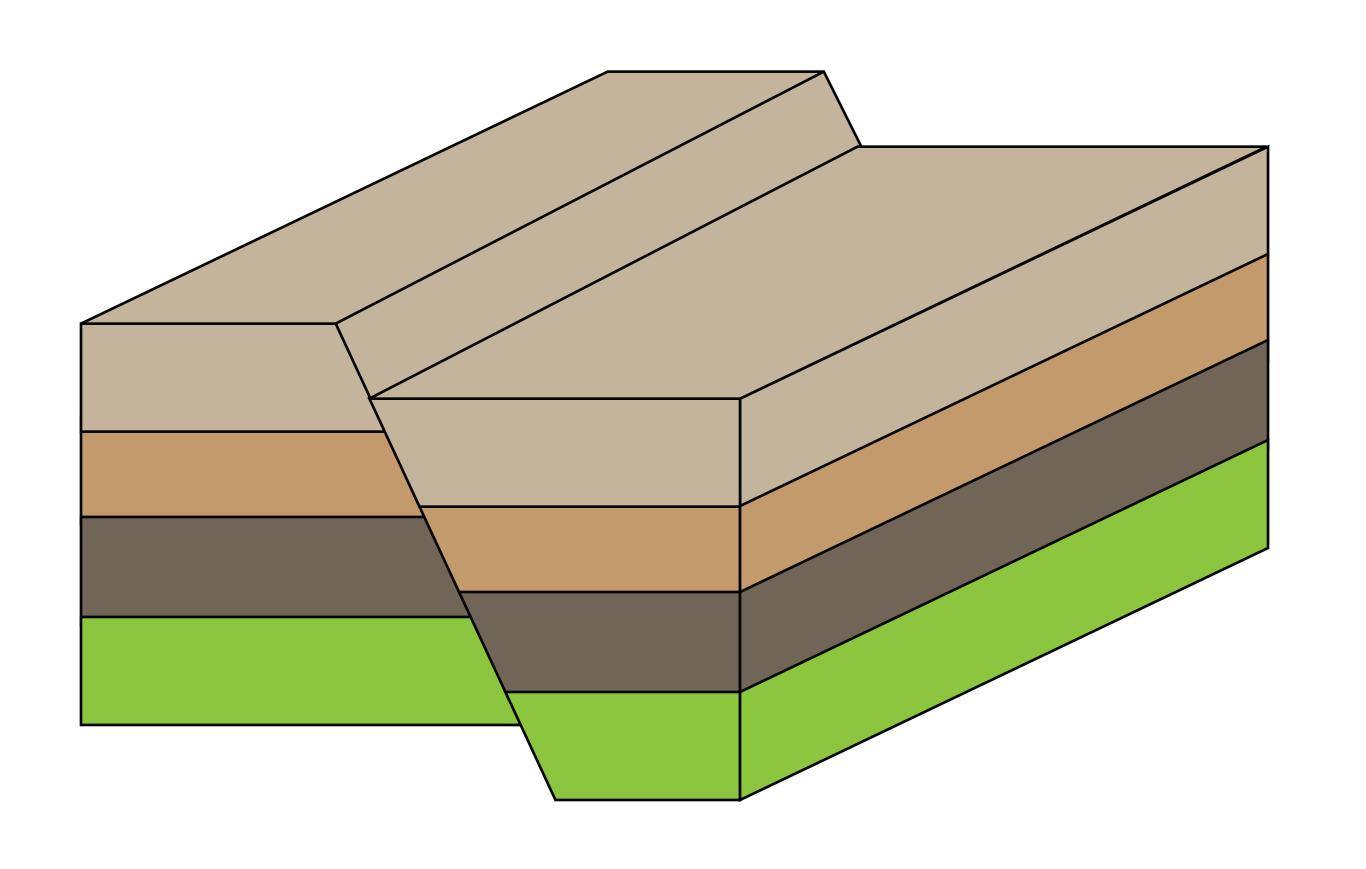
What is this new feature called?

What might have formed this feature?

Draw on arrows of where the largest stress is?



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Which block is the hanging wall?

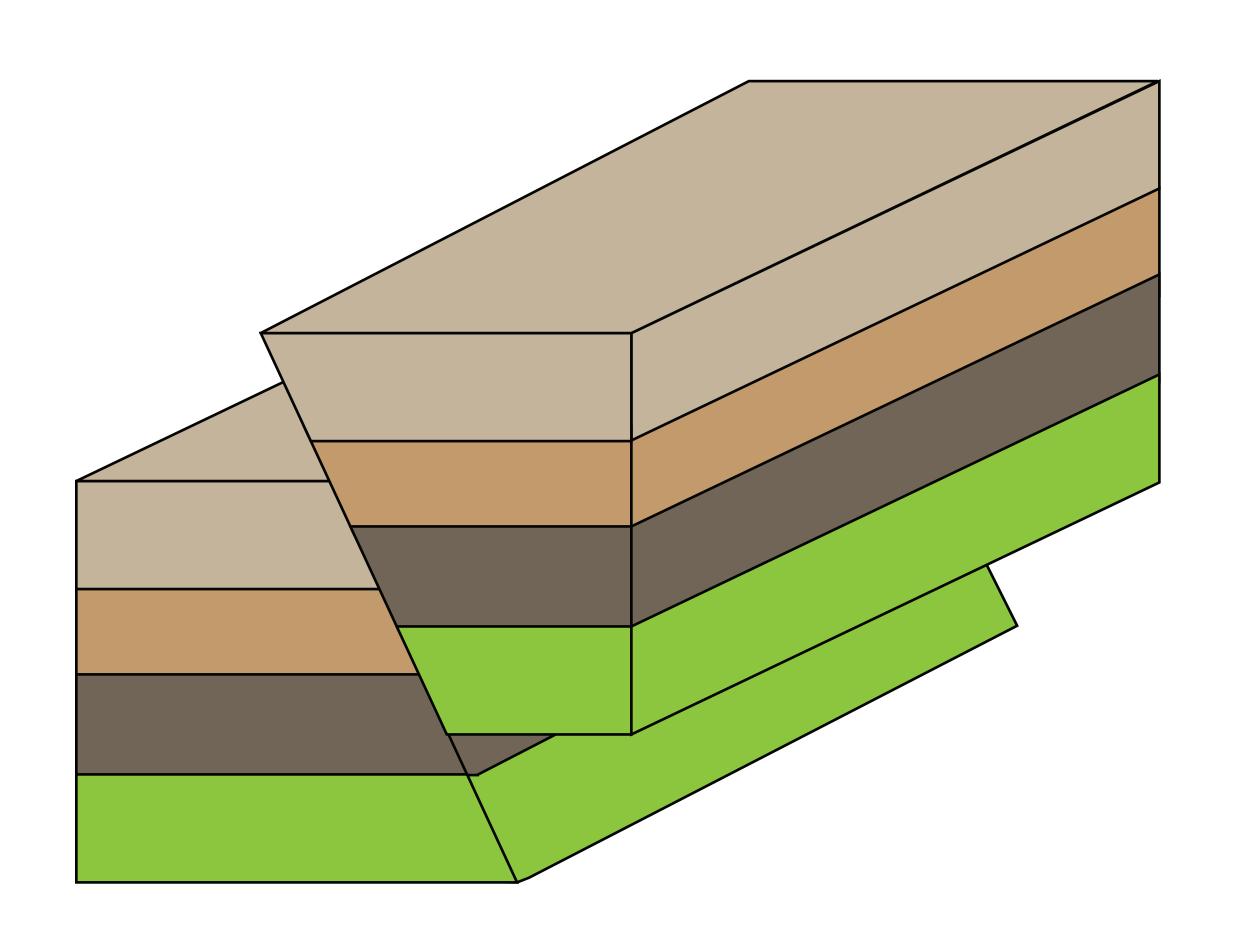
Which block is the foot wall?

How do you remember this?

What type of fault is this?

Where is the fault scarp?

Draw movement arrows



Which block is the hanging wall?

Which block is the foot wall?

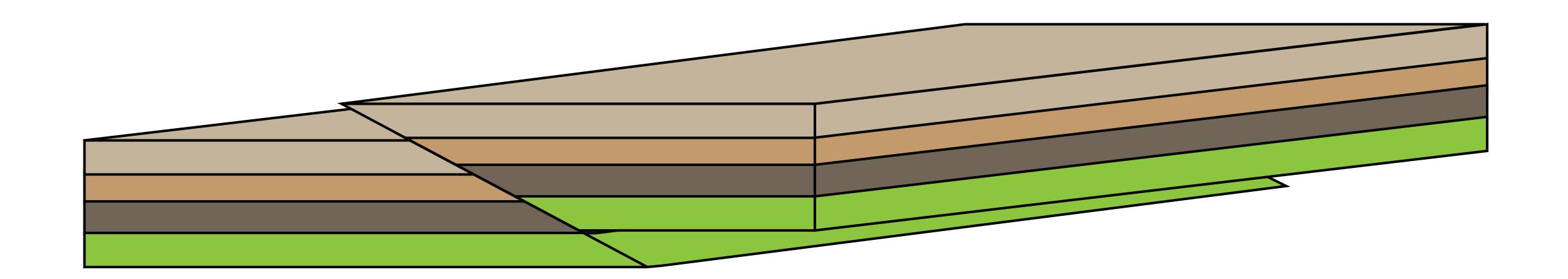
How do you remember this?

What type of fault is this?

Where do we measure the displacement?

Draw movement arrows

What type of fault is this?

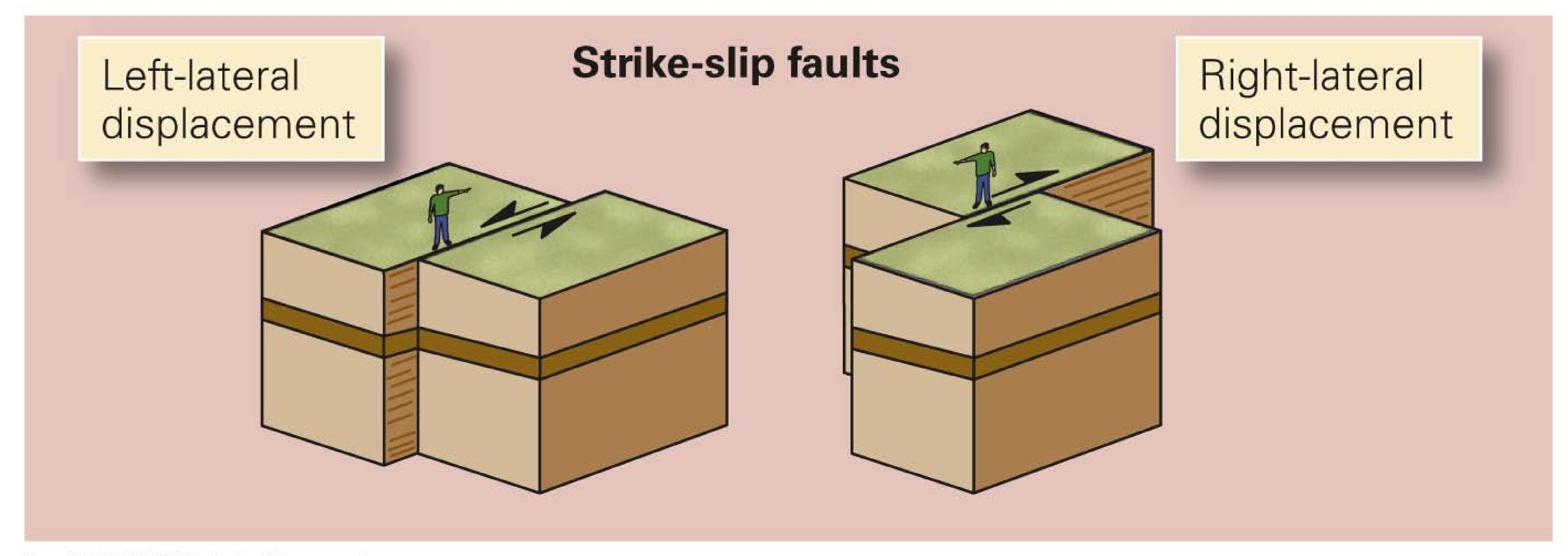


Polished surfaces called slicken slides

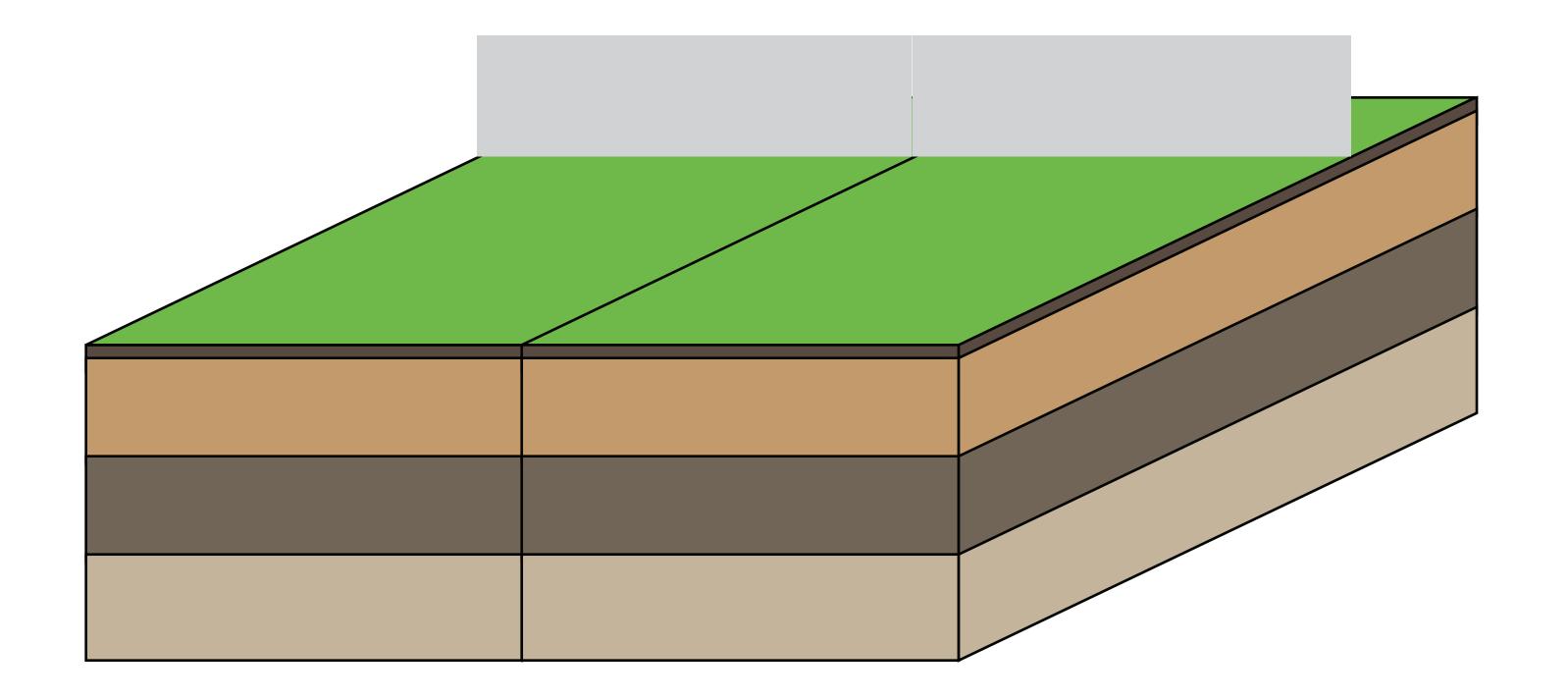


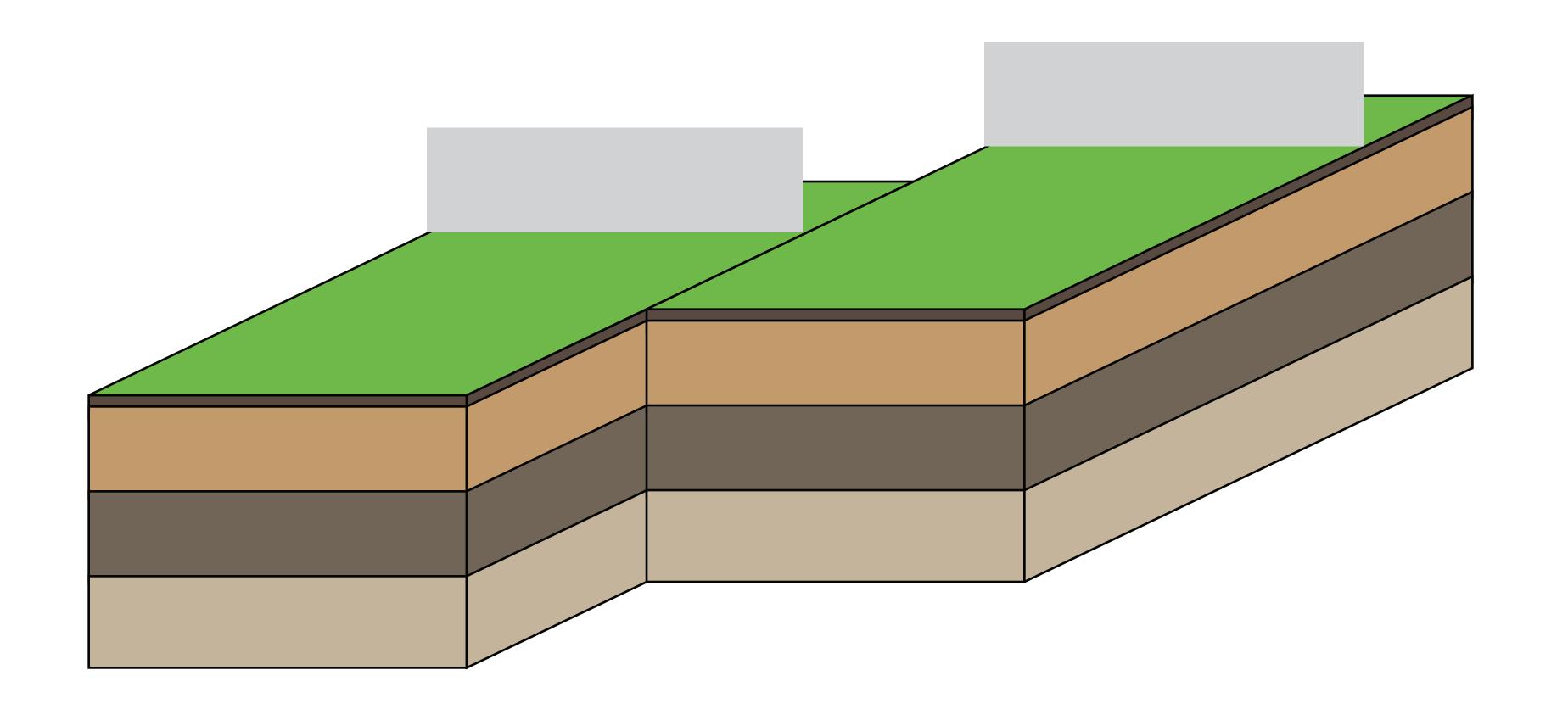
Petting a hedgehog

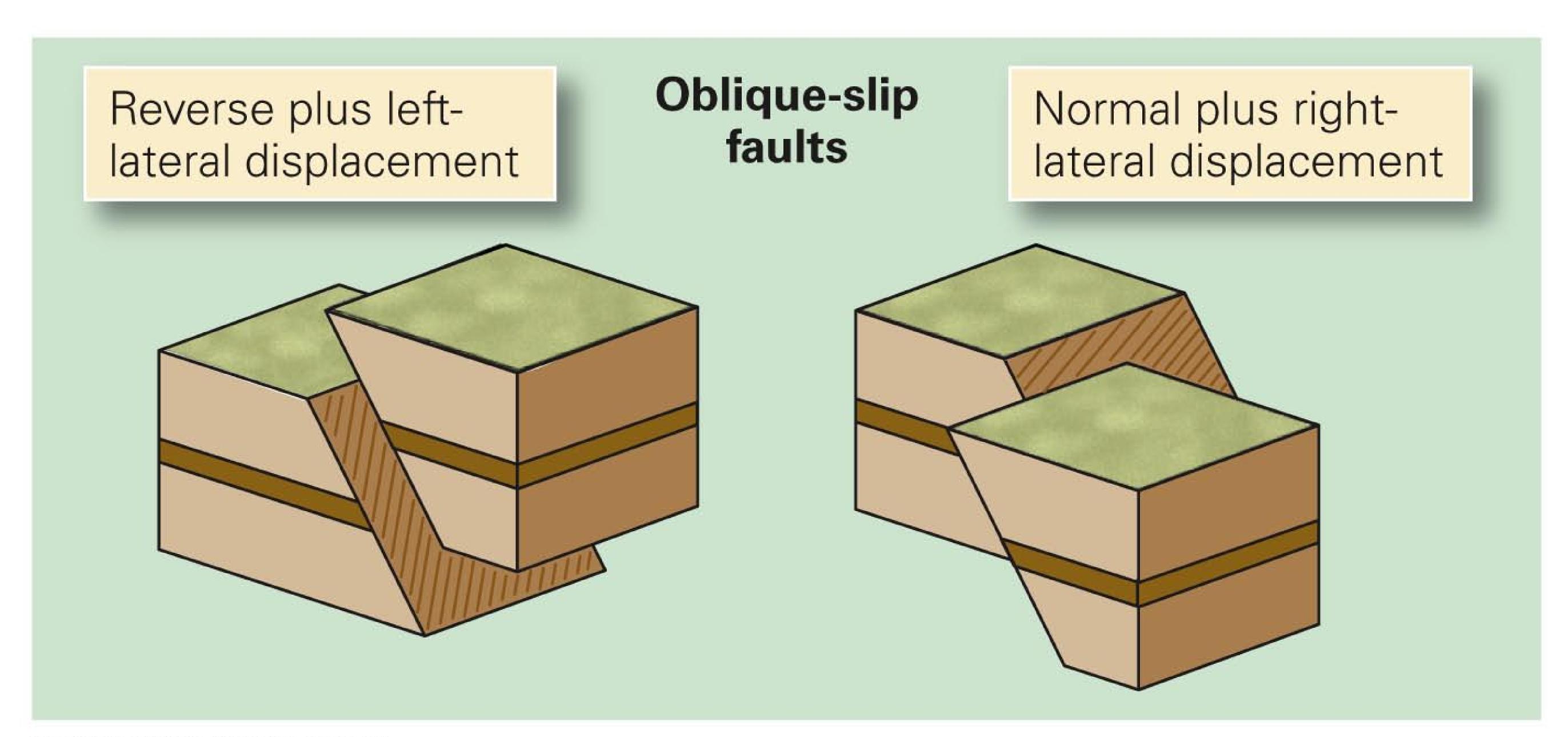




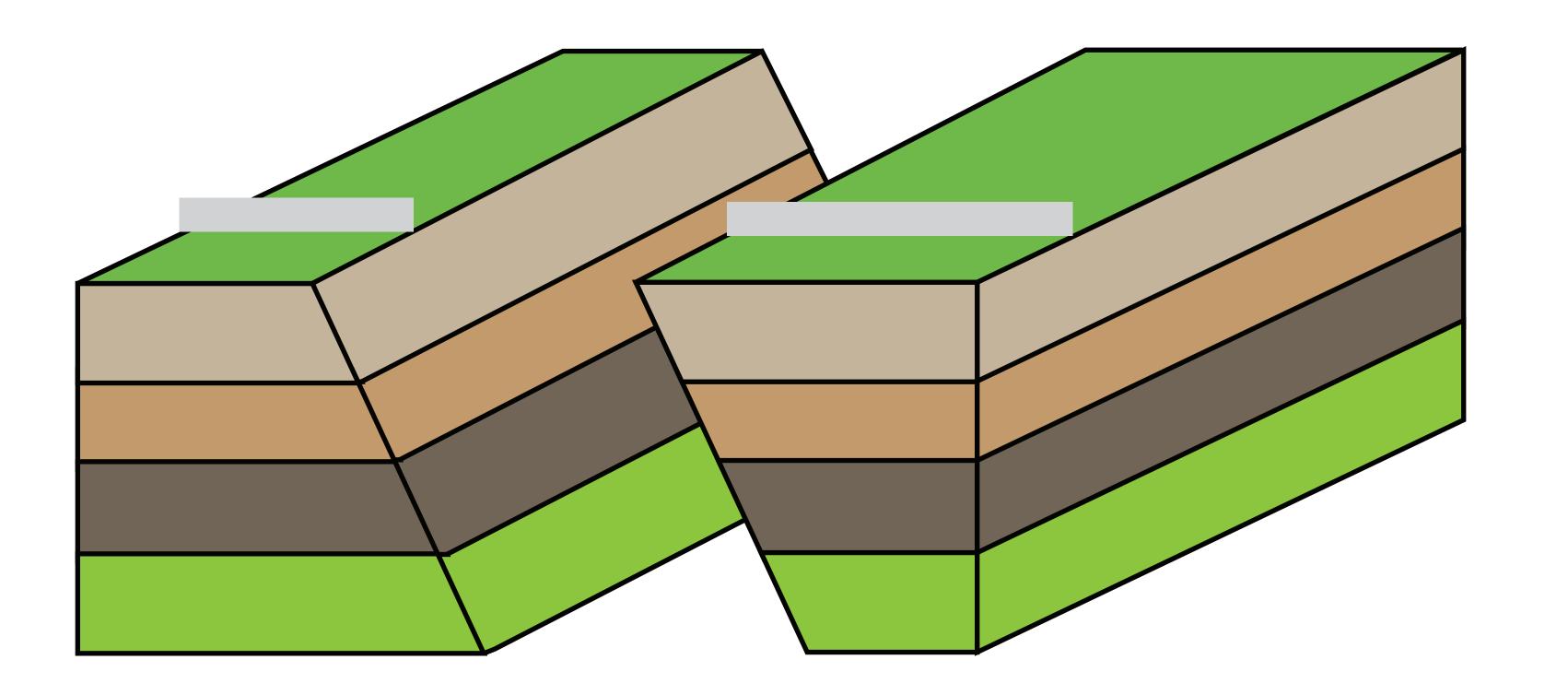
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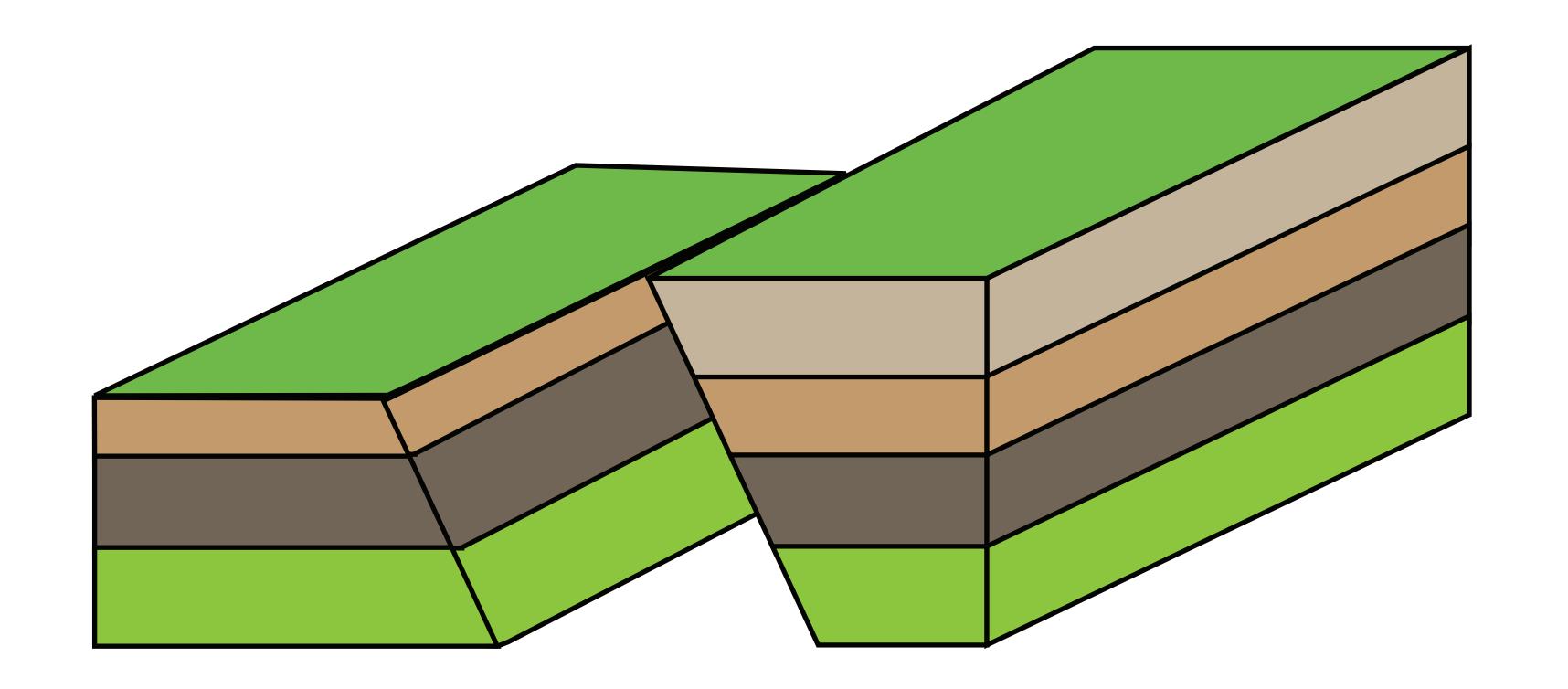


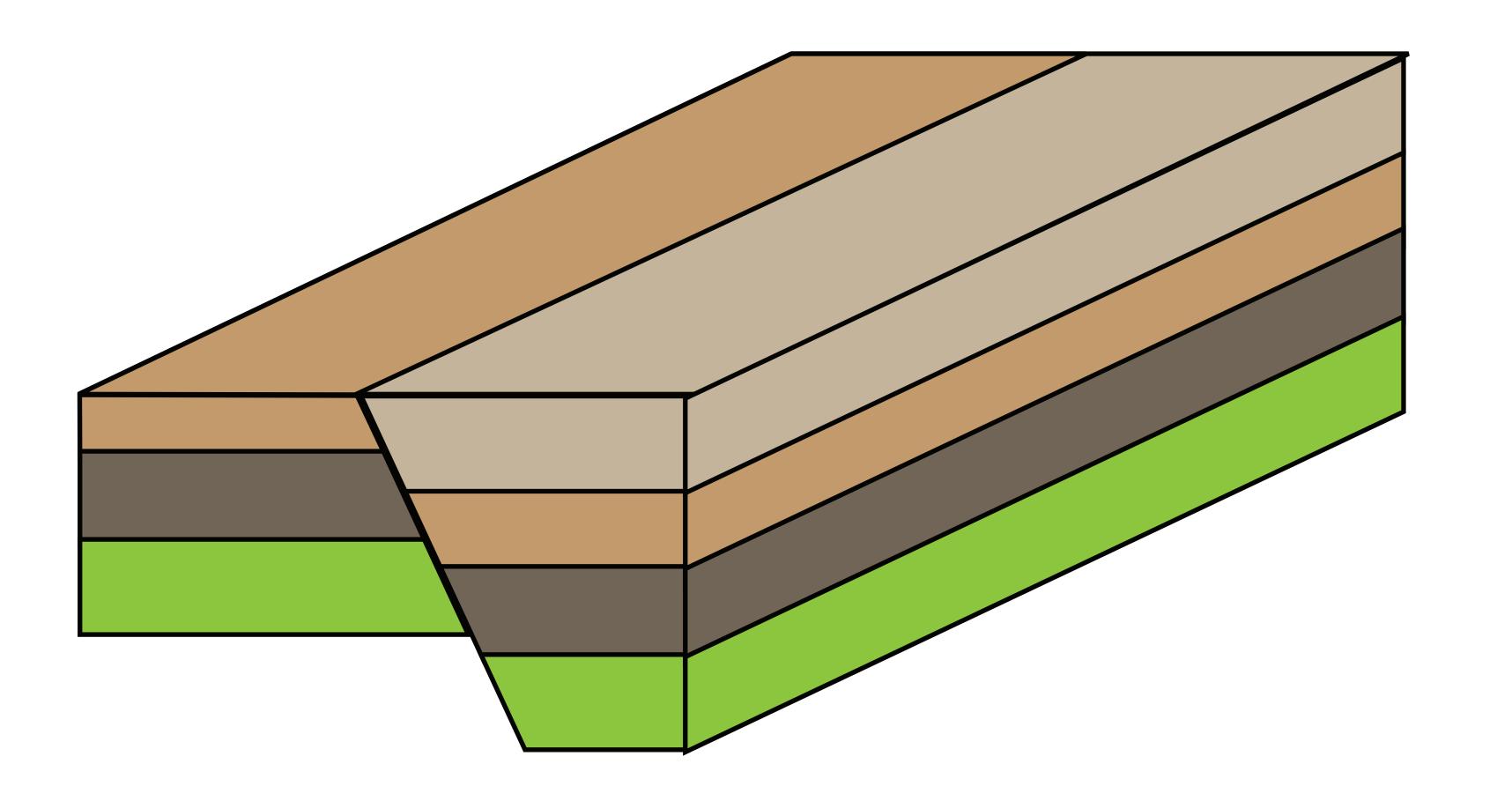


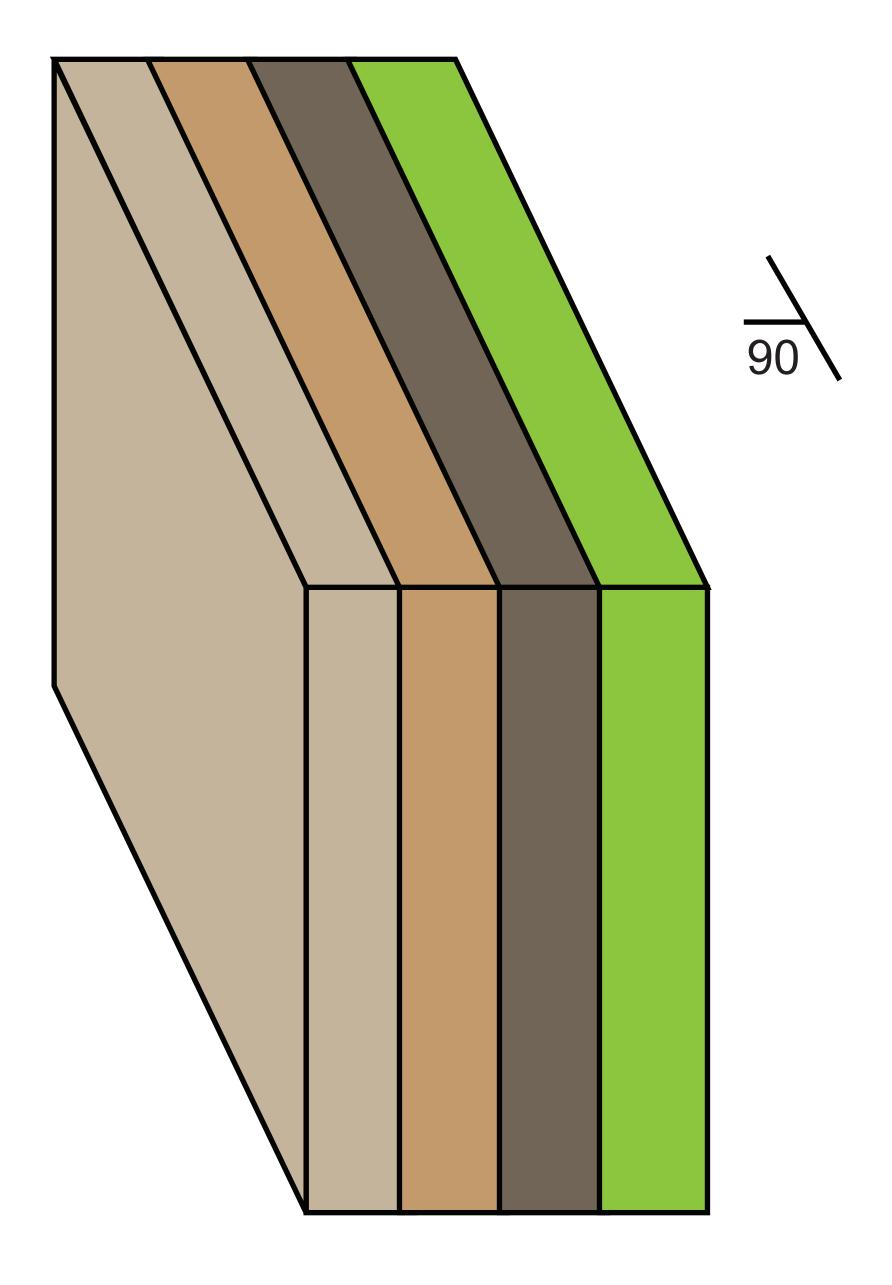


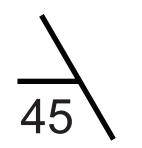
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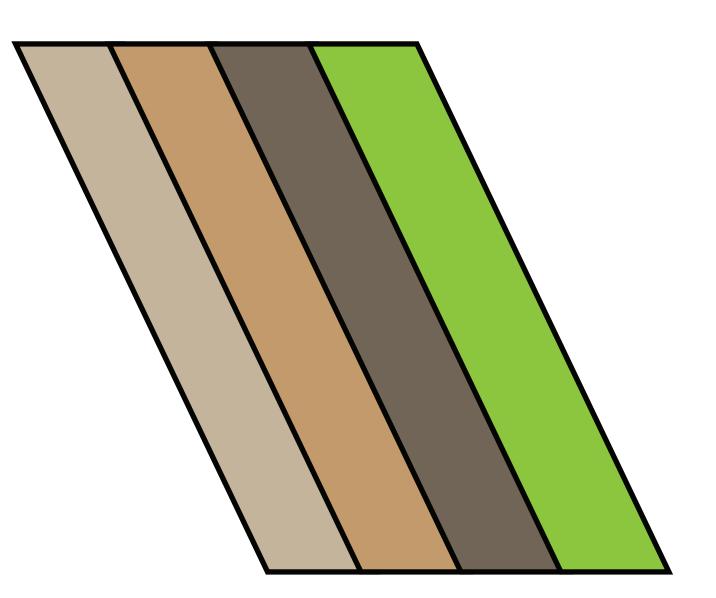




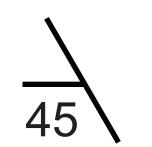


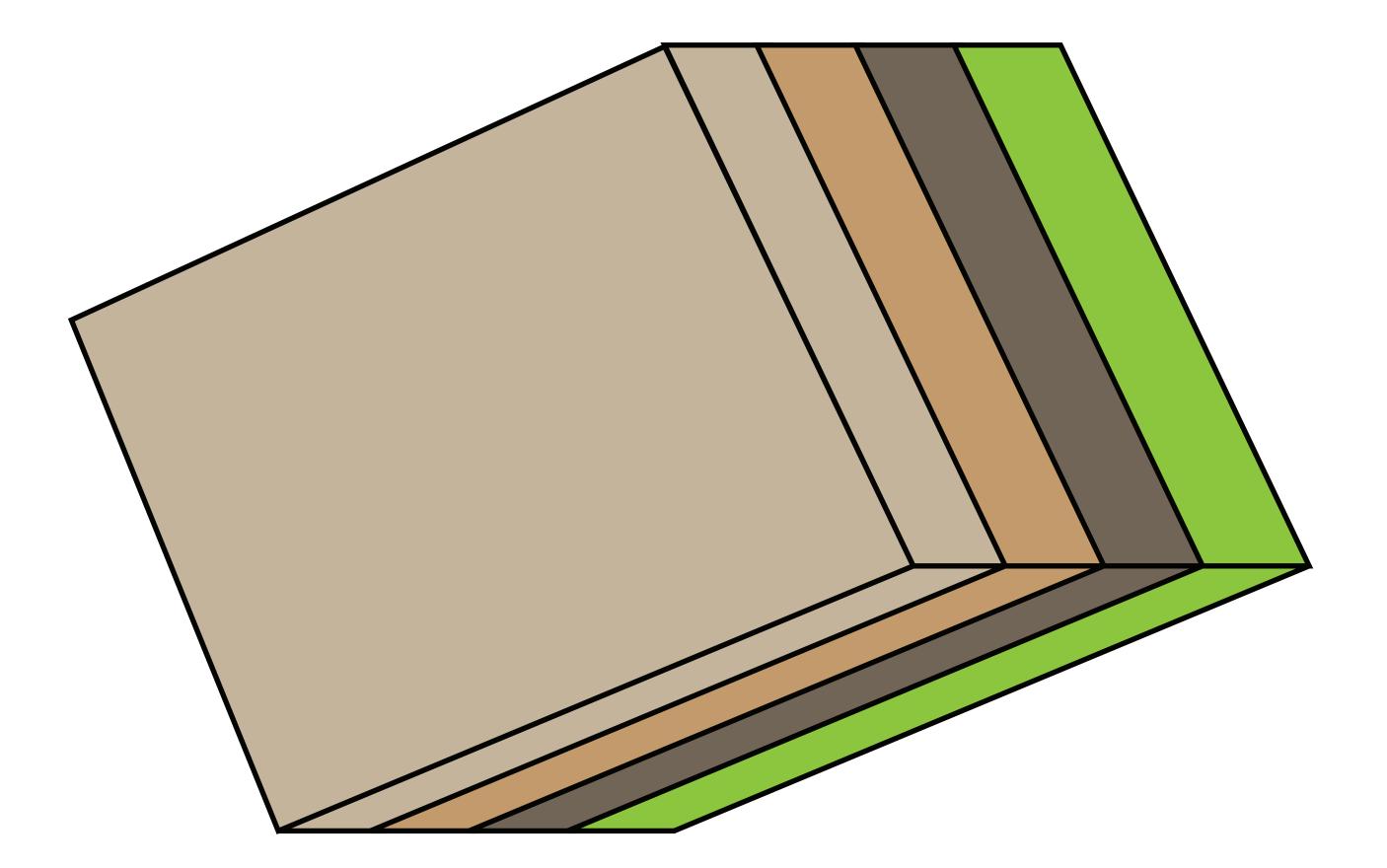




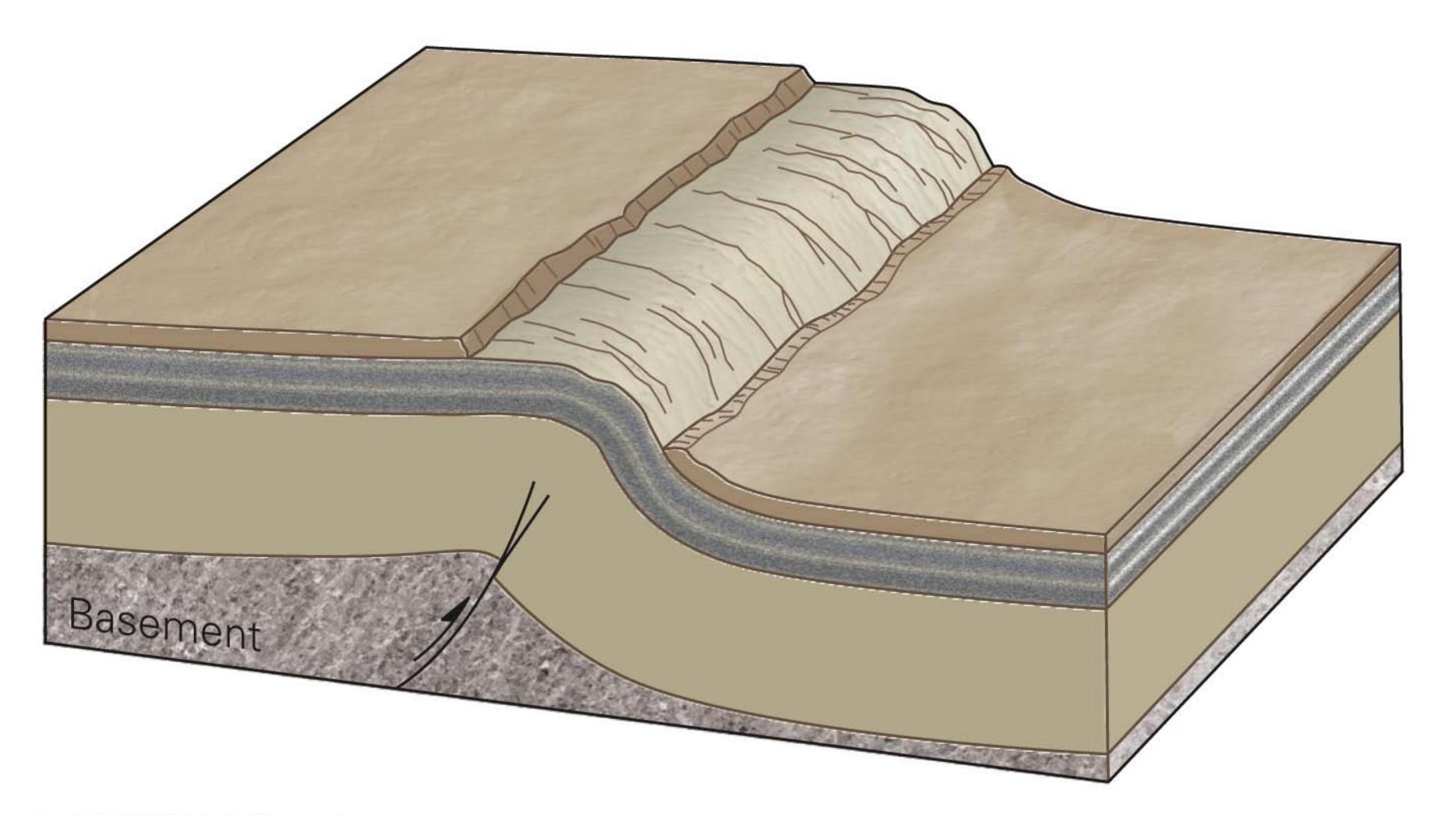


Draw the underground of this



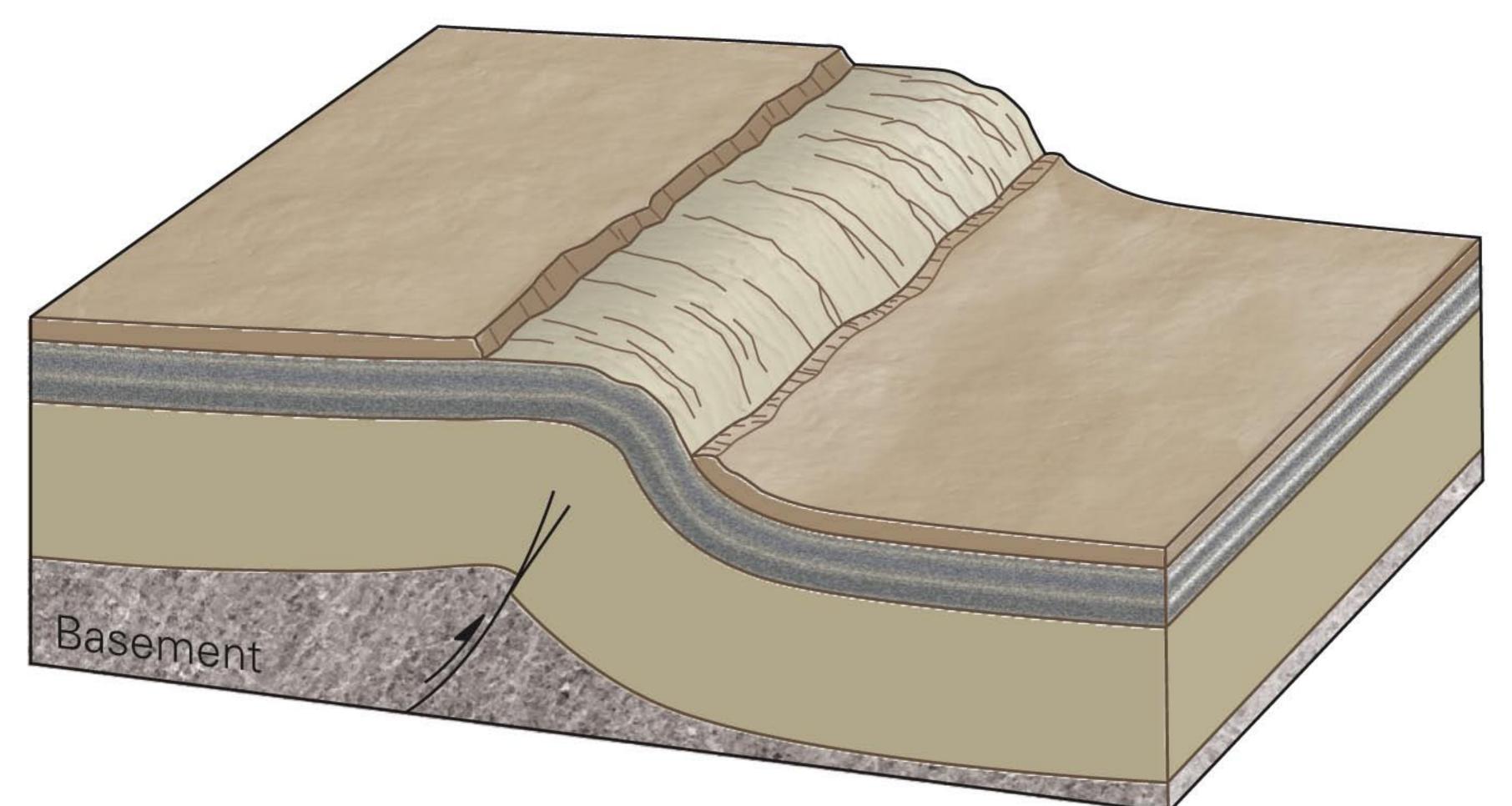


Monocline



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Monocline



Which block is the hanging wall?

Which block is the foot wall?

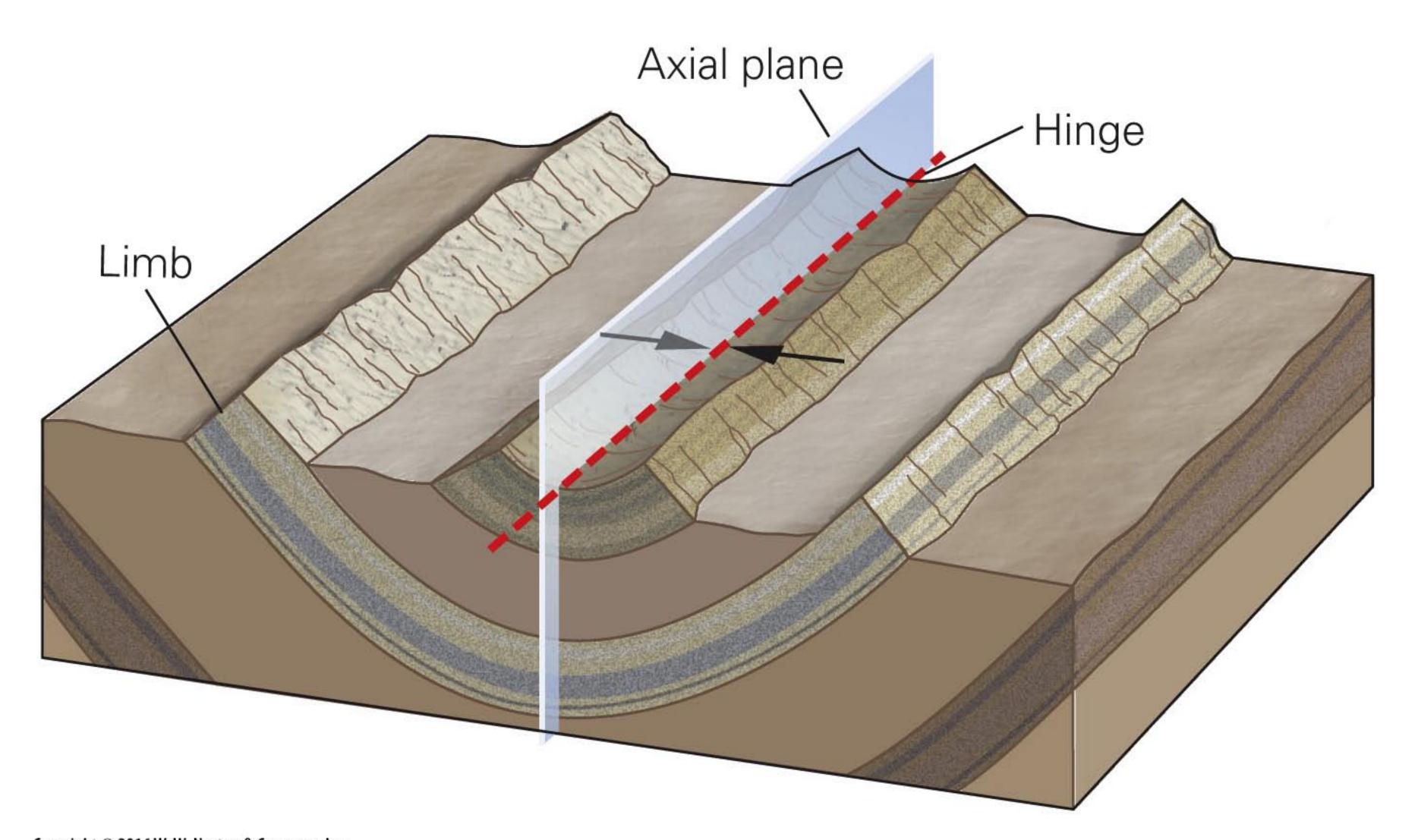
How do you remember this?

What type of fault is this?

Draw movement arrows

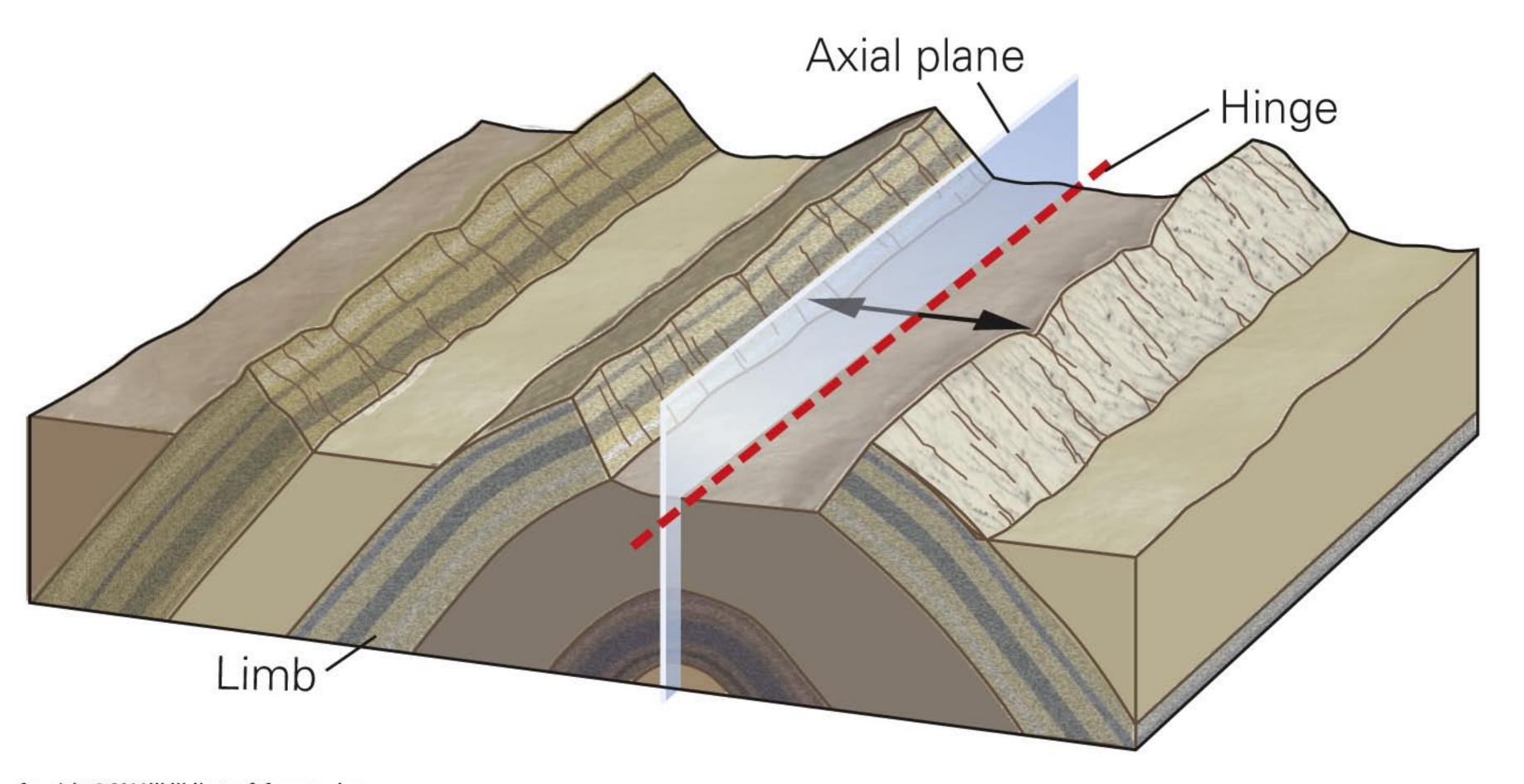
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Syncline

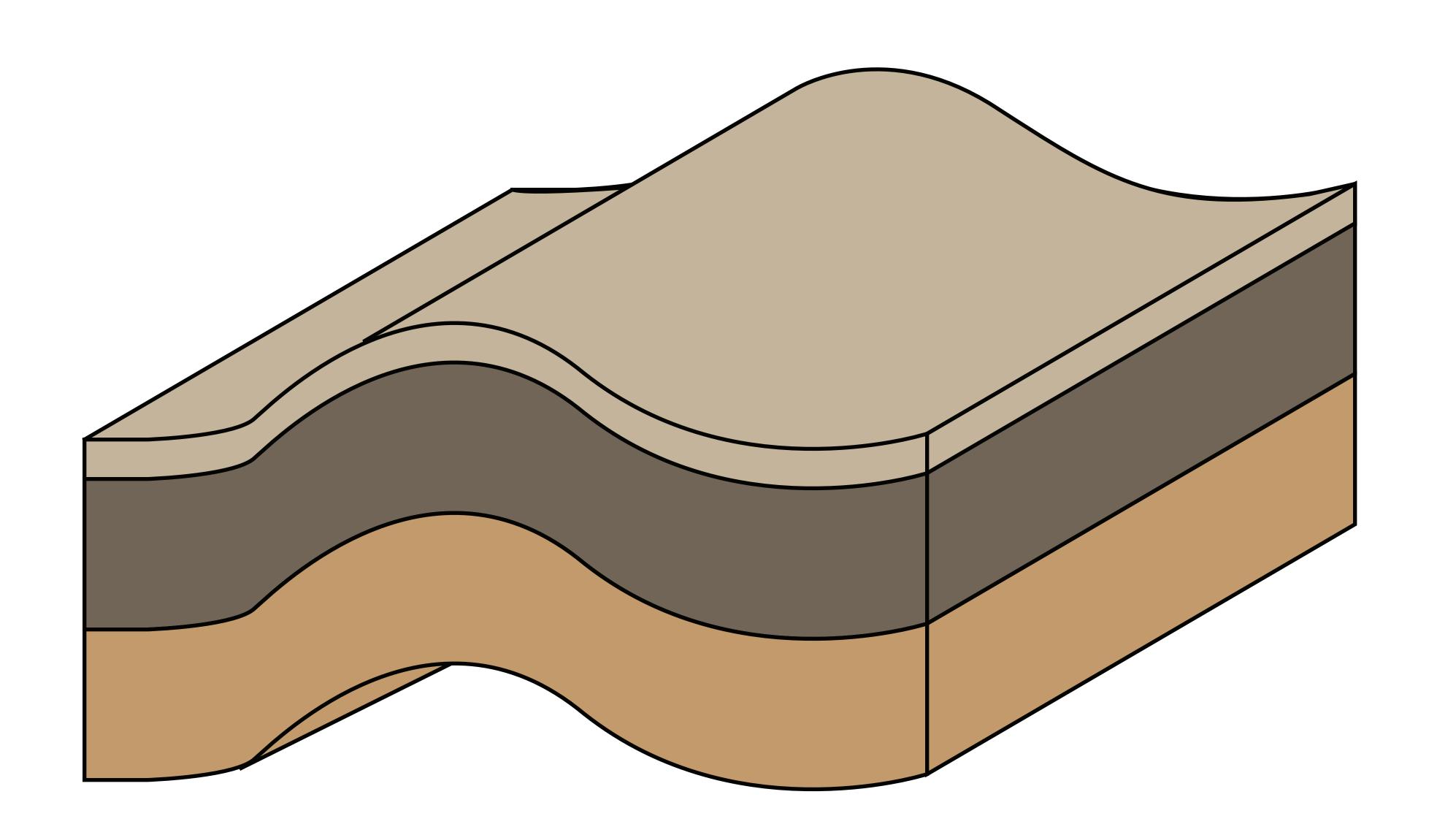


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Anticline



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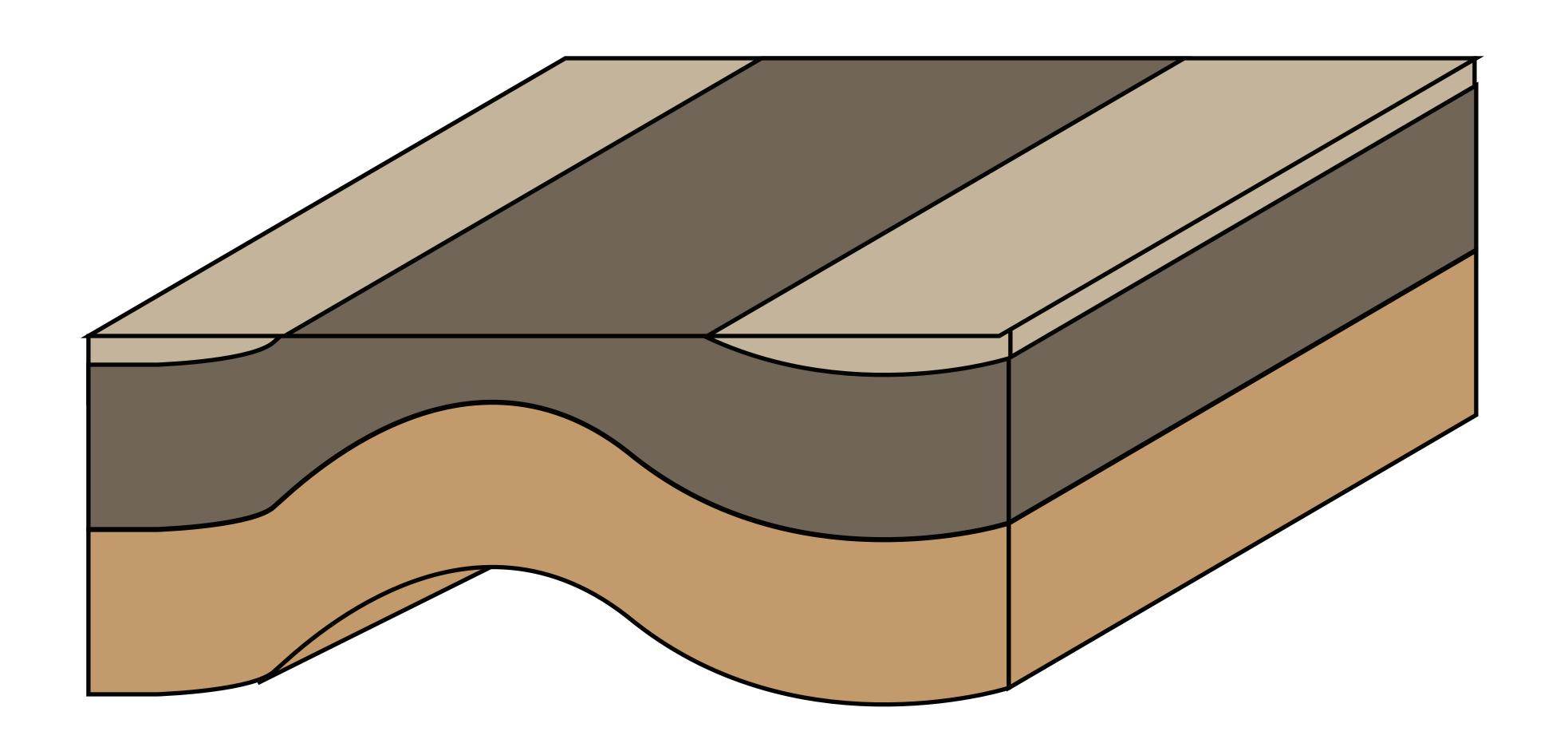


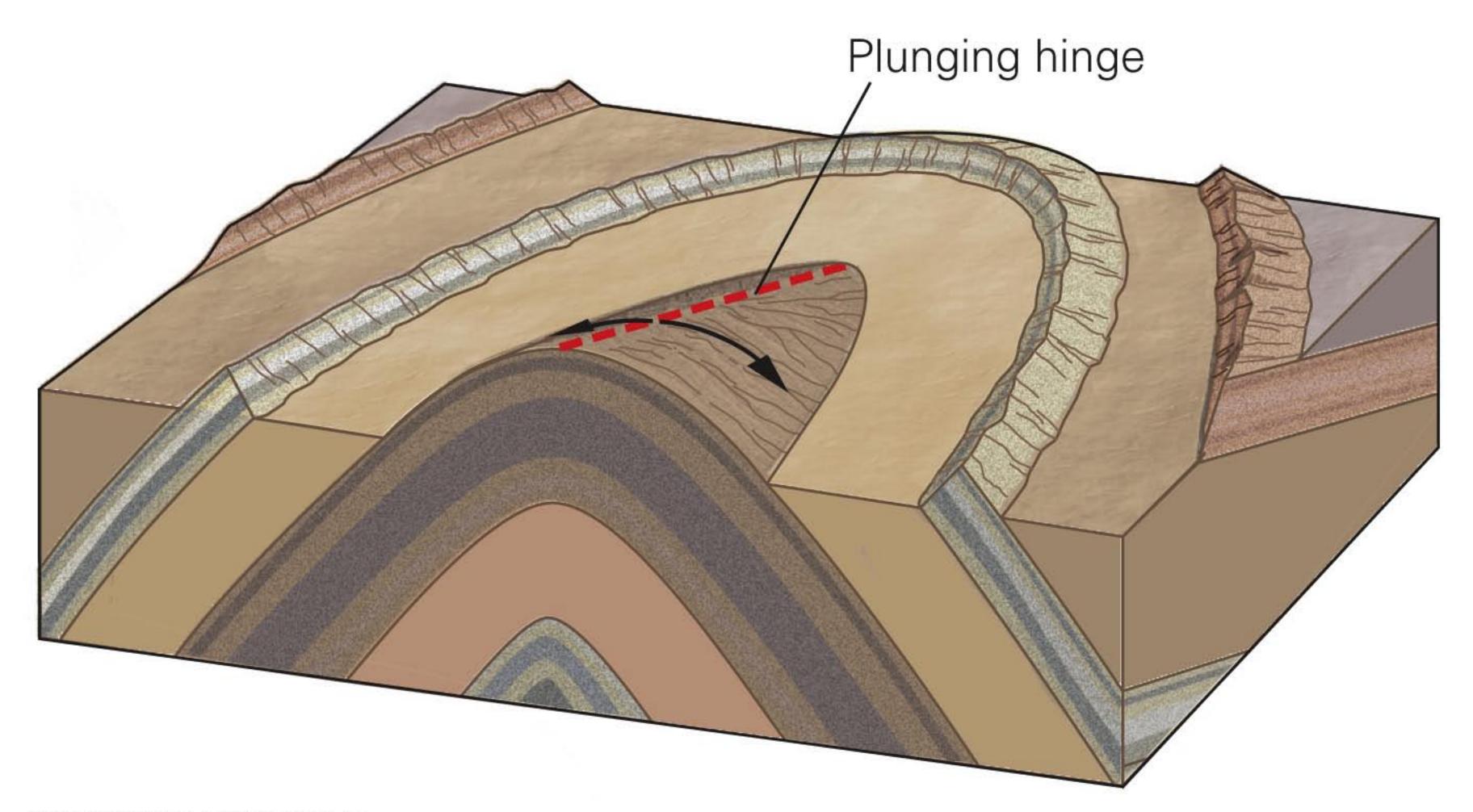
Draw the hinge

Draw the axial plane

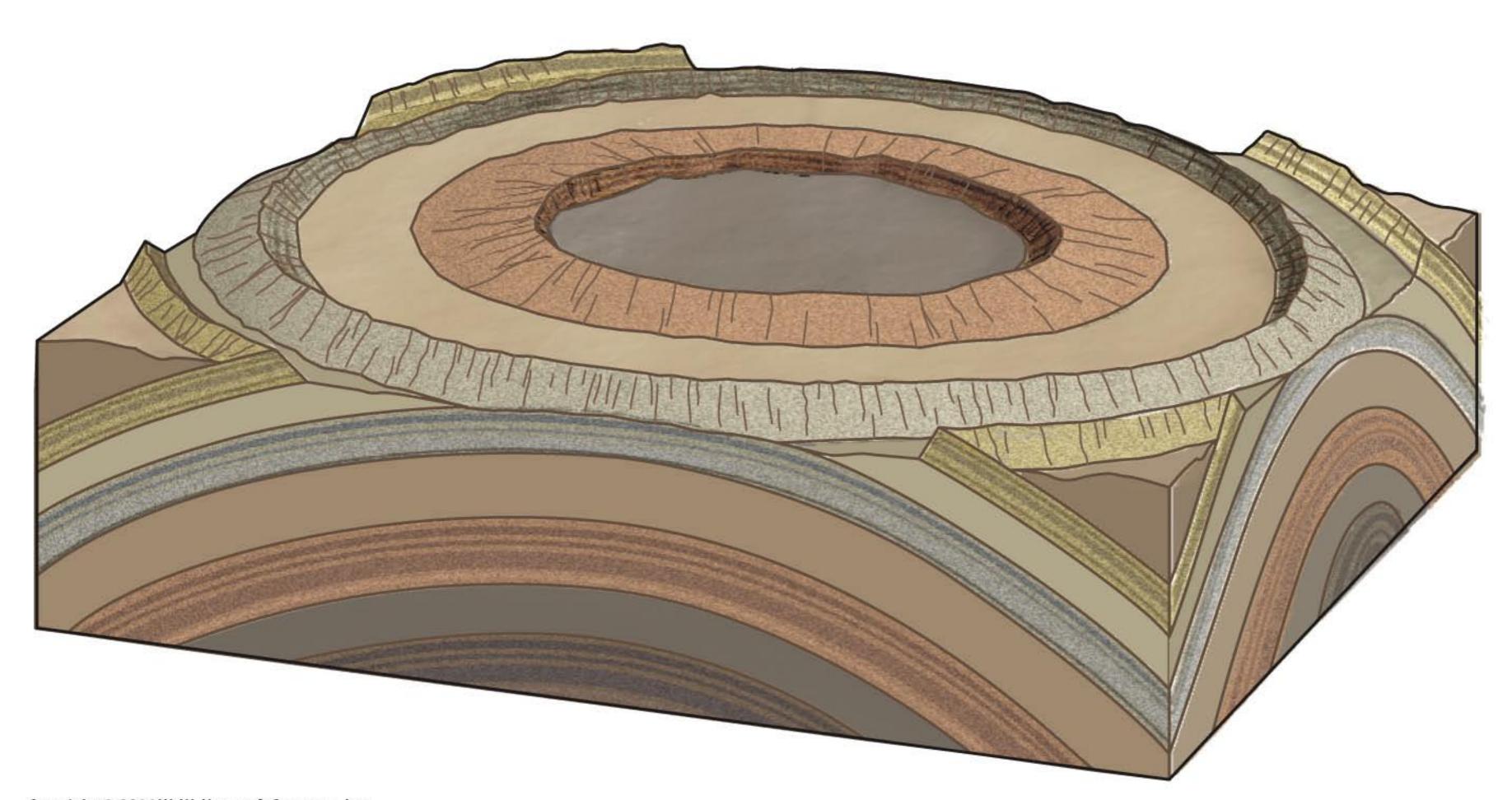
what type of fold is this?

Draw a side

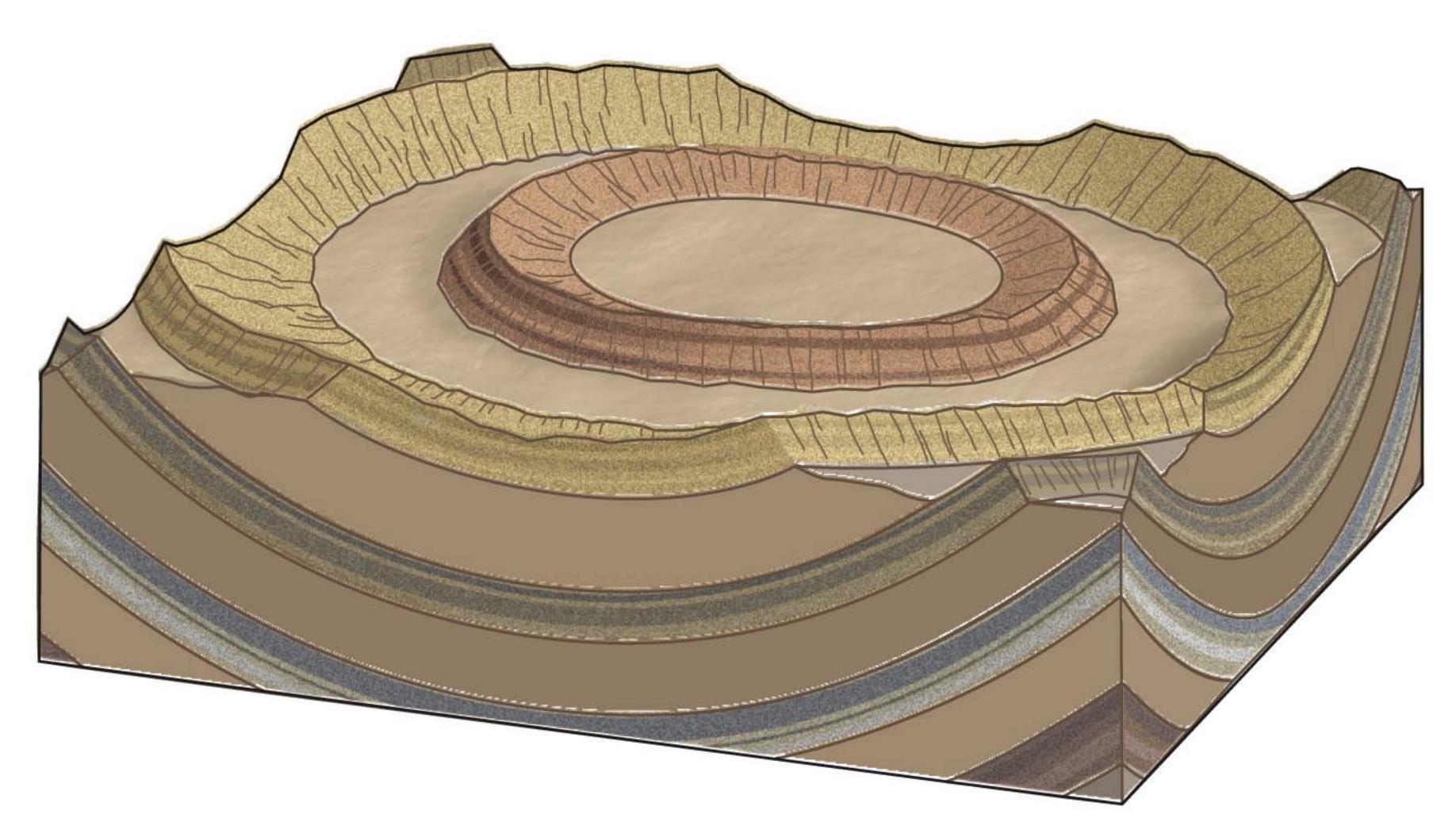




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