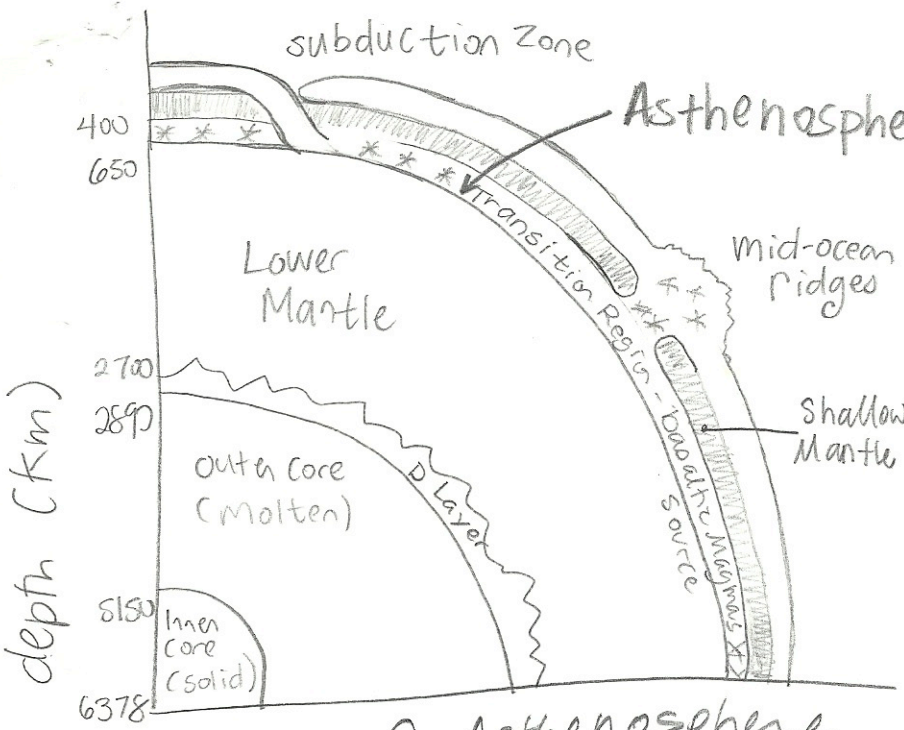

↳ Asthenosphere

③ D-Layer : 3% Earths Mass
often defined as part of lower Mantle, but seismic data suggest it has a distinct chemical composition.

④ Lower Mantle 49.2% mass
Mostly Silicon, Magnesium, O_2 + some Fe, Ca, Al

⑤ Transition Region: 7.5% of Earth's Mass (250-406 miles)
11% of Earth's mantle-crust mass - source of basaltic magma - dense when cold but easily melts to form bouyant magma

⑥ Oceanic & Continental Crusts