

Table 1.3b

Tabular Schematic of Geo-Regions, Temperatures, Properties And Other Information

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depth km	Geo-regions		temperature		
			Kelvin	Centigrade	
0 (Surface)			293	20	
6 ocean 70 contnt	moho	Lithosphere Crust & upper most solid mantle	crust		
		Asthenosphere viscous mass	Mantle		
410	Lithosphere > Aesthenosphere				
		Lower Mantle Rigid			
660	Upper > Lower Mantle		1,900	1,627	
		Upper Core Liquid			
2800 to 2900	Lower Mantle> > Outer Core		3000	2,727	
		Lower Core Solid	Core		
5100	Outer Core > Inner Core		5,000	4,727	
6370	Center of Earth (mean)		7,000	6,727	

other information and notes below

Rate of thickening of the continental lithosphere, m/billion years	~20	Surface Area		
		region	Billion km ²	%
Rate of horizontal extension of the continental lithosphere, m/billion years	~2	Continents	149	29.2
		Ocean	361	70.8