

Table 1.2

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		
410	Lithosphere > Aesthenosphere	Asthenosphere viscous mass	Mantle		
660	Upper > Lower Mantle	Lower Mantle Rigid	Core	1,900	1,627
2800 to 2900	Lower Mantle> > Outer Core	Upper Core Liquid	Core	3000	2,727
5100	Outer Core > Inner Core	Lower Core Solid	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	