

Table 2. EARTH'S INTERIOR STRUCTURE

Radius (km)	Depth (km)	Layer	Boundary	Material	Average or Range of Density (g/cm ³)	Average or Range of Compressional Seismic Velocity (km/s)
6371	0	-	<i>Surface</i>	<i>air/solid</i>	~ 1-2.7	~ 2-6
-	-	Crust*	-	solid (SiO ₂ rich)	2.8	6.4
6336	35*	-	<i>Moho (crust-mantle boundary)</i>	<i>solid/solid</i>	-	-
-	-	Upper Mantle	-	solid (Fe and Mg silicate)	3.3	8.0
6271	100**	-	<i>Lithosphere-Asthenosphere Boundary</i>	<i>solid/solid</i>	-	-
-	-	Asthenosphere (Upper Mantle)	-	solid*** (Fe and Mg silicate)	3.3	7.9
5701	670	-	<i>Transition Zone**** (Base of Upper Mantle)</i>	<i>solid</i>	4.2	11.0
-	-	Lower Mantle	-	Solid (Fe and Mg silicate)	5.0	13.0
3486	2885	-	<i>Core-Mantle Boundary</i>	<i>solid/liquid</i>	-	-
-	-	Outer Core	-	liquid iron	11.0	9.0
1216	5155	-	<i>Inner Core Boundary</i>	<i>liquid/solid</i>	-	-
-	-	Inner Core	-	solid iron	13.5	11.0
0	6371	-	<i>Center of Earth</i>	<i>solid iron</i>	13.5	11.0