

TABLE 2–3 Estimates of Average Bulk Composition of the Continental Crust

Species	A	B	C
SiO <sub>2</sub> (percent)	58.0	63.7	57.3
TiO <sub>2</sub>	0.8	0.5	0.9
Al <sub>2</sub> O <sub>3</sub>	18.0	15.8	15.9
FeO	7.5	4.7	9.1
MnO	0.14	0.07	-
MgO	3.5	2.7	5.3
CaO	7.5	4.5	7.4
Na <sub>2</sub> O	3.5	4.3	3.1
K <sub>2</sub> O	1.5	2.0	1.1
P <sub>2</sub> O <sub>5</sub>	-	0.17	-
Rb (ppm)	42	55	32
Sr	400	498	260
Th	4.8	5.1	3.5
U	1.25	1.3	0.91
Pb	10	15	9

A: Andesite model (Taylor and McLennan, 1985). B: Amphibolite-granulite lower crustal model (Weaver and Tarney, 1984). C: Theoretical model (Taylor and McLennan, 1985).