

TABLE 2-2  
Simple Earth Model Based on Cosmic Abundances

Oxides	Molecules	Molecular Weight	Grams	Weight Fraction
MgO	1.06	40	42.4	0.250
SiO <sub>2</sub>	1.00	60	60.0	0.354
Al <sub>2</sub> O <sub>3</sub>	0.0425	102	4.35	0.026
CaO	0.0625	56	3.5	0.021
Na <sub>2</sub> O	0.03	62	1.84	0.011
Fe <sub>2</sub> O	0.45	128	57.6	0.339
Total			169.7	1.001