

Table VIII-6. Elemental concentrations in different specific gravity fractions of Illinois coal divided by those of the bulk coal (based on data by Ruch et al., 1974). The asterisks represent the highest value among different fractions.

	Cleaned coal $\rho < 1.25$	Alumino- silicates $\rho = 1.6-2.89$	Sulfides $\rho > 2.89$		Cleaned coal $\rho < 1.25$	Alumino- silicates $\rho = 1.6-2.89$	Sulfides $\rho > 2.89$
Ag	0.5			Mo	0.4	1.1	*17
Al	0.1	*3.7	0.6	N	*1.4		
As	1	2.1	*22	Na	0.3		0.7
B	*1.3	*1.6	0.1	Ni	0.3	*2.6	*3.4
Ba	0.5			P	0.3		
Be	0.9	0.6	*1.9	Pb	0.1	2.1	*22
Br	*1-3			Rb	0.4		
C	*1.3			S-organic	*1.0	0.2	0.006
Ca	0.08	*5.4	0.1	S-pyrite	0.2	0.7	*20
Cd	0.06	1.5	*47	S-sulfate	0.5	*7.8	3
Ce	0.5			Sb	0.6	1.5	*6.3
Co	0.4	*4	*5.8	Sc	0.3		
Cr	0.3	*2.4	*1.2	Se	0.3	1.8	*5.7
Cs	0.6			Si	0.1	*5.2	0.6
Cu	0.2	*2.4	*3.6	Sm	0.5		
Dy	0.7			Sn	0.2		
Eu	0.5			Sr	0.4		
Fe	0.4	3.6	*24	Ta	0.3		
Ga	0.4	*3.1	0.5	Tb	0.8		
Ge	*1.2	0.08	0.08	Th	0.4		
H	*1.2			Ti	0.3	*5.9	0.8
Hf	0.6			U	*1.6		
Hg	0.4	4.5	*22	V	0.4	*1.5	*2.2
K	0.2	*5.5	0.3	W	0.4		
La	0.2			Yb	0.3		
Lu	0.2			Zn	0.02	1.8	*48
Mg	0.3			Zr	0.1	*2	*2.1
Mn	0.05	*3.5	0.6				