

BACKGROUND VALUES, ORE GRADES, ORE ENRICHMENT FACTORS & METAL PRICES

Element	Average Crustal Abundance (ppm)		Mineable Ore Grade (ppm)		Enrichment Factor	Metal prices July (2010)
	ppm	Wt%	ppm	Wt%		
Mercury	0.89		1000	0.10	11,200	\$700 \$/Flask
Tungsten	1.1		4500	0.45	4,000	\$17.00 USD/lb
Lead	12		40000	4.00	3,300	\$0.78/lb
Chromium	110		230000	23.00	2,100	\$2.50 USD/lb
Tin	1.7		3500	0.35	2,000	\$7.93 USD/lb
Silver	0.0750		100		1,330	\$18 USD/Troy Oz
GOLD	0.0035		1		286	\$1200 USD/Troy Oz
Molybdenum	1.3		1000	0.10	770	\$35.00 USD/lb
Zinc	94		35000	3.50	370	\$0.80 USD/lb
Uranium	1.7		700		350	\$60.00 USD/lb
Carbon	320		100000	10.00	310	Sold as graphite of variable quality
Lithium	21		5000	0.5	240	\$50.00 USD/lb
Manganese	1300	0.13	250000	25.00	190	\$1.60 USD/lb
Nickel	89		9000	0.90	100	\$9.00 USD/lb
Colbalt	25		2000	0.20	80	\$40.00 USD/lb
Phosporous	1200	0.12	88000	8.80	70	\$2500/tonne variable
Copper	63		3500	0.35	56	\$3.00 USD/lb
Titanium	6400	0.64	100000	10.00	16	\$20.00 USD/lb
Iron	68000	6.30	200000	20.00	3.4	\$100 AUS/tonne ore grade
Alumium	83000	8.30	185000	18.50	2.2	\$0.90 USD/lb

Ore grades are a function of metal price which may fluctuate widely depending on market demand.
10,000 ppm = 1% by weight. One ppm = one gram per tonne.