

TABLE 23

Rare Earth Prices – 1989

RE Products	Conditions	Prices
Misch metal	kg	¥2 400-2 600
Lighter flints	kg	¥3 000
RE oxide	kg	¥1 000-1 300
(glass polishing)(lens polishing)	kg	¥1 900-2 200
RE fluoride	kg	¥1 500-1 800
Lanthanum oxide	kg	¥2 900-3 300
(condenser-use)	kg	¥2 200
Cerium oxide	kg	¥3 500-3 800
Yttrium oxide	kg/99.9%	¥15 000-17 000
Europium oxide	kg/99.9%	¥240 000-260 000
Praseodymium oxide	kg/95%	¥8 000
Neodymium oxide	kg/95%	¥2 200-2 500
	kg/99.9%	¥24 000
Gadolinium oxide	kg/99.99%	¥19 000-22 000
Samarium oxide	kg/95%	¥20 000-22 000
Terbium oxide	kg/99.9%	¥130 000-140 000
Samarium metal	kg/99.8-99.9%	¥45 000
Sm2Co17 alloy powder	kg/large lot	¥17 000
	kg/small lot	¥26 000
Neodymium metal	kg/95%	¥15 000-18 000
Minerals/Intermediates		
Monzanite	REO+Thorium/55%MIN/f.o.b./MT	A\$770-880
Yttrium concentrate	60%Y2O3/f.o.b. Malaysia/kg	US\$32-33
Bastnaesite	REO70%LB/FAS Molycorp.	US\$1.10
Cerium concentrate	LB/FAS Molycorp.	US\$1.25
Lanthanum concentrate	LB/FAS	US\$1.25

Source: *Kogyo Rare Metal Magazine*.