

Extract from Monthly Statistics of Mineral Production December 2009 issue.**State wise Average Value of minerals by grades**

for which royalty is chargeable on ad valorem basis not linked to any international benchmark price

Month : December 2009

(Up to 09/12/2009)

State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
India		Up to 30% CaF2	NA
Bauxite	Rs./t	30-70% CaF2	NA
Non-Metallurgical		70-85% CaF2	NA
Cement	133	Above 85% CaF2	NA
Abrasive	293	Garnet (abrasive)	Rs./t 496
Refractory	294	Garnet (gem)	Rs./kg NA
Others (U)	238	Graphite (r.o.m.)	Rs./t
Chromite	Rs./t	Upto 40% fixed carbon (U)	399
Lumps		40 - 80% fixed carbon (U)	NA
Up to 40% Cr2O3	3595	80% & above fixed carbon (U)	NA
40 - 52% Cr2O3	3585	Gypsum	Rs./t 300
Above 52% Cr2O3	NA	Jasper	Rs./t NR
Fines		Kaolin (natural)	Rs./t 175
Up to 40% Cr2O3	3260	Kaolin (processed)	Rs./t 2205
40 - 52% Cr2O3	3260	Kyanite	Rs./t
Above 52% Cr2O3	6104	Up to 40% Al2O3	1085
Concentrates (U)	5276	Above 40% Al2O3	895
Iron Ore (total)	Rs./t	Sillimanite	Rs./t 7526
Lumps		Laterite	Rs./t
Below 60% Fe	700	Non-Metallurgical	
60 - 62% Fe	840	Cement	113
62 - 65% Fe	1200	Abrasive	NA
65% Fe & above	1712	Chemical	NA
Fines		Refractory	NA
Below 62% Fe	945	Others	NA
62 - 65% Fe	945	Magnesite	Rs./t 1536
65% Fe & above	945	Marl	Rs./t 58
Concentrates	1171	Mica (crude)	Rs./kg 33
Manganese Ore	Rs./t	Mica (waste & Scrap)	Rs./kg NA
MnO2	15187	Perlite	Rs./t NA
Up to 25% Mn	1013	Pyrites	Rs./t NA
25 - 35% Mn	4565	Pyrophyllite	Rs./t 274
35 - 46% Mn	8842	Pyroxenite	Rs./t 583
Above 46% Mn	14773	Quartz	Rs./t 163
Agate	Rs./t 1000	Quartzite	Rs./t 257
Apatite	Rs./t 2205	Silica Sand	Rs./t 128
Phosphorite	Rs./t	Sand (others)	Rs./t 49
Up to 25% P2O5	253	Salt (rock)	Rs./t 2597
25 - 30% P2O5	1087	Shale	Rs./t 19
Above 30% P2O5	4753	Steatite	Rs./t
Asbestos	Rs./t	Insecticide (Filler) grade	171
Ambhibole	NR	Other than insecticide (Filler) grade	1014
Ball Clay	Rs./t 176	Selenite	Rs./t 850
Barytes	Rs./t	Vermiculite	Rs./t 754
White	342	Wollastonite	Rs./t 842
Off Colour	1183	Aluminium (lme Price)*	\$/mt 2180
Calcite	Rs./t 335	Copper (lme Price)*	\$/mt 6892
Chalk	Rs./t 310	Lead (lme Price)*	\$/mt 2329
Clay (others)	Rs./t 82	Nickel (lme Price)*	\$/mt 17066
Corundum	Rs./kg NA	Tin (lme Price)*	\$/mt 15547
Corundum (ruby)	Rs./kg NA	Zinc (lme Price)*	\$/mt 2376
Diamond	Rs./crt 6789	Silver (lme Price)*	c/tr oz 1769
Diaspore	Rs./t 1035	Gold (lme Price)*	\$/tr oz 1131
Dunite	Rs./t 281	Andhra Pradesh	
Felspar	Rs./t 182	Iron Ore (total)	Rs./t
Fireclay	Rs./t 177	Lumps	
Felsite	Rs./t 1448	Below 60% Fe	215
Fluorite (graded)	Rs./t		

NA : Not Available

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t : Tonne mt : Metric Tonne

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60 - 62% Fe	215	62 - 65% Fe	1190
62 - 65% Fe	NA	65% Fe & above	1625
Fines		Clay (others)	Rs./t NA
Below 62% Fe	155	Quartz	Rs./t NR
62 - 65% Fe	NA	Steatite	Rs./t
Manganese Ore	Rs./t	Insecticide (Filler) grade	NA
MnO2	NA	Goa	
Up to 25% Mn	984	Bauxite	Rs./t
25 - 35% Mn	1692	Non-Metallurgical	
35 - 46% Mn	2200	Cement	NA
Above 46% Mn	NA	Iron Ore (total)	Rs./t
Apatite	Rs./t 2205	Lumps	
Asbestos	Rs./t	Below 60% Fe	791
Ambhibole	NR	60 - 62% Fe	1339
Ball Clay	Rs./t 129	62 - 65% Fe	1339
Barytes	Rs./t	Fines	
White	342	Below 62% Fe	1122
Off Colour	1186	62 - 65% Fe	1713
Clay (others)	Rs./t 114	65% Fe & above	1713
Felspar	Rs./t 213	Concentrates	1171
Fireclay	Rs./t 219	Manganese Ore	Rs./t
Garnet (abrasive)	Rs./t 84	MnO2	NA
Kaolin (natural)	Rs./t 65	Up to 25% Mn	NA
Laterite	Rs./t	25 - 35% Mn	768
Non-Metallurgical		35 - 46% Mn	NA
Cement	108	Above 46% Mn	NA
Chemical	NA	Laterite	Rs./t
Mica (crude)	Rs./kg 33	Non-Metallurgical	
Mica (waste & Scrap)	Rs./kg NA	Cement	NA
Pyrophyllite	Rs./t 100	Pyrophyllite	Rs./t NA
Quartz	Rs./t 163	Gujarat	
Silica Sand	Rs./t 57	Bauxite	Rs./t
Sand (others)	Rs./t 42	Non-Metallurgical	
Shale	Rs./t 48	Cement	153
Steatite	Rs./t	Abrasive	293
Insecticide (Filler) grade	122	Refractory	294
Other than insecticide (Filler) grade	583	Others (U)	310
Vermiculite	Rs./t 405	Manganese Ore	Rs./t
Bihar		Up to 25% Mn	432
Mica (crude)	Rs./kg NA	Agate	Rs./t 1000
Mica (waste & Scrap)	Rs./kg NA	Ball Clay	Rs./t 100
Pyrites	Rs./t NA	Chalk	Rs./t 310
Quartzite	Rs./t 287	Clay (others)	Rs./t 12
Steatite	Rs./t	Fireclay	Rs./t 70
Insecticide (Filler) grade	170	Fluorite (graded)	Rs./t
Chhattisgarh		Up to 30% CaF2	NA
Bauxite	Rs./t	Gypsum	Rs./t 100
Non-Metallurgical		Kaolin (natural)	Rs./t 136
Refractory	NA	Kaolin (processed)	Rs./t 951
Iron Ore (total)	Rs./t	Laterite	Rs./t
Lumps		Non-Metallurgical	
Below 60% Fe	NA	Cement	62
60 - 62% Fe	NA	Abrasive	NA
62 - 65% Fe	687	Chemical	NA
65% Fe & above	2826	Others	NA
Fines		Marl	Rs./t 61
Below 62% Fe	1190	Perlite	Rs./t NA

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State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value	
Pyrophyllite	Rs./t	NA	Lumps	
Quartz	Rs./t	89	Up to 40% Cr2O3	3899
Silica Sand	Rs./t	85	40 - 52% Cr2O3	NA
Steatite	Rs./t		Fines	
Insecticide (Filler) grade		100	Up to 40% Cr2O3	NA
Himachal Pradesh			40 - 52% Cr2O3	NA
Barytes	Rs./t		Concentrates (U)	NA
White		NA	Iron Ore (total)	Rs./t
Off Colour		NA	Lumps	
Salt (rock)	Rs./t	2597	Below 60% Fe	670
Shale	Rs./t	12	60 - 62% Fe	670
Jammu & Kashmir			62 - 65% Fe	1059
Gypsum	Rs./t	311	65% Fe & above	1672
Jharkhand			Fines	
Bauxite	Rs./t		Below 62% Fe	690
Non-Metallurgical			62 - 65% Fe	1164
Cement		NA	65% Fe & above	1262
Iron Ore (total)	Rs./t		Manganese Ore	Rs./t
Lumps			MnO2	NA
Below 60% Fe		519	Up to 25% Mn	1037
60 - 62% Fe		855	25 - 35% Mn	1943
62 - 65% Fe		855	35 - 46% Mn	2134
65% Fe & above		855	Above 46% Mn	NA
Fines			Clay (others)	Rs./t
Below 62% Fe		349	Dunite	Rs./t
62 - 65% Fe		412	Felspar	Rs./t
65% Fe & above		460	Fireclay	Rs./t
Manganese Ore	Rs./t		Felsite	Rs./t
MnO2		NA	Kaolin (natural)	Rs./t
Up to 25% Mn		850	Kaolin (processed)	Rs./t
25 - 35% Mn		NA	Kyanite	Rs./t
35 - 46% Mn		NA	Up to 40% Al2O3	NA
Above 46% Mn		NA	Above 40% Al2O3	NA
Felspar	Rs./t	153	Laterite	Rs./t
Fireclay	Rs./t	151	Non-Metallurgical	
Graphite (r.o.m.)	Rs./t		Cement	262
Upto 40% fixed carbon (U)		372	Chemical	NA
Kaolin (natural)	Rs./t	523	Refractory	NA
Kaolin (processed)	Rs./t	2203	Magnesite	Rs./t
Kyanite	Rs./t		Quartz	Rs./t
Up to 40% Al2O3		1100	Quartzite	Rs./t
Above 40% Al2O3		NA	Silica Sand	Rs./t
Laterite	Rs./t		Shale	Rs./t
Non-Metallurgical			Steatite	Rs./t
Cement		128	Insecticide (Filler) grade	NA
Mica (crude)	Rs./kg	NA	Kerala	
Mica (waste & Scrap)	Rs./kg	NA	Kaolin (natural)	Rs./t
Pyrophyllite	Rs./t	NA	Kaolin (processed)	Rs./t
Pyroxenite	Rs./t	263	Sillimanite	Rs./t
Quartz	Rs./t	121	Laterite	Rs./t
Quartzite	Rs./t	200	Non-Metallurgical	
Silica Sand	Rs./t	334	Cement	159
Karnataka			Chemical	NA
Bauxite	Rs./t		Others	NA
Non-Metallurgical			Silica Sand	Rs./t
Cement		NR	Madhya Pradesh	
Chromite	Rs./t		Bauxite	Rs./t

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Non-Metallurgical		Up to 30% CaF2	NA
Cement	NA	30-70% CaF2	NA
Iron Ore (total)	Rs./t	70-85% CaF2	NA
Lumps		Above 85% CaF2	NA
Below 60% Fe	325	Kyanite	Rs./t
60 - 62% Fe	325	Up to 40% Al2O3	550
Fines		Above 40% Al2O3	895
Below 62% Fe	147	Sillimanite	Rs./t
Manganese Ore	Rs./t	Laterite	Rs./t
MnO2	NA	Non-Metallurgical	
Up to 25% Mn	794	Cement	NA
25 - 35% Mn	5933	Chemical	NA
35 - 46% Mn	9978	Pyrophyllite	Rs./t
Above 46% Mn	15418	Quartz	Rs./t
Phosphorite	Rs./t	Quartzite	Rs./t
Up to 25% P2O5	345	Silica Sand	Rs./t
25 - 30% P2O5	1087	Sand (others)	Rs./t
Above 30% P2O5	NA	Shale	Rs./t
Calcite	Rs./t	NR	
Clay (others)	Rs./t	114	
Diamond	Rs./crt	6789	
Diaspore	Rs./t	975	
Fireclay	Rs./t	91	
Kaolin (natural)	Rs./t	95	
Laterite	Rs./t		
Non-Metallurgical		Meghalaya	
Cement	45	Shale	Rs./t
Pyrophyllite	Rs./t	NA	
Shale	Rs./t		
Steatite	Rs./t		
Insecticide (Filler) grade	NA	Orissa	
Vermiculite	Rs./t	NA	
Maharashtra		Chromite	Rs./t
Bauxite	Rs./t	Lumps	
Non-Metallurgical		Below 60% Fe	NA
Cement	100	60 - 62% Fe	658
Others (U)	149	62 - 65% Fe	1549
Chromite	Rs./t	65% Fe & above	1549
Lumps		Fines	
Up to 40% Cr2O3	7413	Below 62% Fe	683
40 - 52% Cr2O3	NA	62 - 65% Fe	683
Iron Ore (total)	Rs./t	65% Fe & above	683
Below 60% Fe	383	Manganese Ore	Rs./t
60 - 62% Fe	383	MnO2	5020
62 - 65% Fe	383	Up to 25% Mn	1902
Fines		25 - 35% Mn	3377
Below 62% Fe	300	35 - 46% Mn	5738
62 - 65% Fe	NA	Above 46% Mn	5738
Manganese Ore	Rs./t	Corundum (ruby)	Rs./kg
MnO2	30095	Fireclay	Rs./t
Up to 25% Mn	870	Garnet (abrasive)	Rs./t
25 - 35% Mn	7749	Graphite (r.o.m.)	Rs./t
35 - 46% Mn	11882	Upto 40% fixed carbon (U)	424
Above 46% Mn	16294	40 - 80% fixed carbon (U)	NA
Clay (others)	Rs./t	Kaolin (natural)	Rs./t
NA		Kaolin (processed)	Rs./t
Corundum	Rs./kg	NA	
Fireclay	Rs./t	Sillimanite	Rs./t
Fluorite (graded)	Rs./t	96	12000
		Pyrophyllite	Rs./t
		Pyroxenite	Rs./t
		617	

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Quartz	Rs./t 250	Garnet (abrasive)	Rs./t 522
Quartzite	Rs./t NA	Graphite (r.o.m.)	Rs./t
Silica Sand	Rs./t NA	Upto 40% fixed carbon (U)	410
Steatite	Rs./t	Magnesite	Rs./t 1576
Insecticide (Filler) grade	NA	Marl	Rs./t 42
Other than insecticide (Filler) grade	NA	Quartz	Rs./t 659
Rajasthan		Silica Sand	Rs./t 1146
Iron Ore (total)	Rs./t	Steatite	Rs./t
Lumps		Insecticide (Filler) grade	NA
Below 60% Fe	NA	Vermiculite	Rs./t 2678
Manganese Ore	Rs./t	Uttar Pradesh	
25 - 35% Mn	750	Diaspore	Rs./t 1091
Phosphorite	Rs./t	Pyrophyllite	Rs./t 284
Up to 25% P2O5	251	Silica Sand	Rs./t 161
25 - 30% P2O5	NA	Uttaranchal	
Above 30% P2O5	4753	Magnesite	Rs./t 1296
Ball Clay	Rs./t 204	Steatite	Rs./t
Barytes	Rs./t	Insecticide (Filler) grade	144
White	NA	Other than insecticide (Filler) grade	836
Off Colour	515	West Bengal	
Calcite	Rs./t 335	Apatite	Rs./t NA
Clay (others)	Rs./t 123	Clay (others)	Rs./t NA
Felspar	Rs./t 152	Felspar	Rs./t 500
Fireclay	Rs./t 188	Fireclay	Rs./t 79
Fluorite (graded)	Rs./t	Kaolin (natural)	Rs./t 388
Up to 30% CaF2	NA	Kaolin (processed)	Rs./t 1099
30-70% CaF2	NA	Quartz	Rs./t 200
70-85% CaF2	NA		
Above 85% CaF2	NA		
Garnet (gem)	Rs./kg NA		
Gypsum	Rs./t 300		
Jasper	Rs./t NR		
Kaolin (natural)	Rs./t 137		
Kyanite	Rs./t		
Up to 40% Al2O3	NA		
Sillimanite	Rs./t NA		
Laterite	Rs./t		
Non-Metallurgical			
Chemical	NA		
Magnesite	Rs./t NA		
Mica (crude)	Rs./kg NA		
Mica (waste & Scrap)	Rs./kg NA		
Pyrophyllite	Rs./t NA		
Quartz	Rs./t 202		
Quartzite	Rs./t 100		
Silica Sand	Rs./t 152		
Steatite	Rs./t		
Insecticide (Filler) grade	203		
Other than insecticide (Filler) grade	1084		
Selenite	Rs./t 850		
Vermiculite	Rs./t NA		
Wollastonite	Rs./t 842		
Tamil Nadu			
Ball Clay	Rs./t 226		
Dunite	Rs./t 291		
Felspar	Rs./t NA		
Fireclay	Rs./t 138		

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