

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****(w.e.f. 10th Dec. 2009)**

State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
India		Fluorite (graded)	Rs./t
Bauxite	Rs./t	Up to 30% CaF2	NA
Non-Metallurgical		30-70% CaF2	NA
Cement	132	70-85% CaF2	NA
Abrasive	293	Above 85% CaF2	NA
Refractory	294	Garnet (abrasive)	Rs./t 530
Others (U)	226	Garnet (gem)	Rs./kg NA
Chromite	Rs./t	Graphite (r.o.m.)	Rs./t
Lumps		Upto 40% fixed carbon (U)	399
Up to 40% Cr2O3	3601	40 - 80% fixed carbon (U)	NA
40 - 52% Cr2O3	NA	80% & above fixed carbon (U)	NA
Above 52% Cr2O3	NA	Gypsum	Rs./t 300
Fines		Jasper	Rs./t NR
Up to 40% Cr2O3	3277	Kaolin (natural)	Rs./t 177
40 - 52% Cr2O3	4566	Kaolin (processed)	Rs./t 2205
Above 52% Cr2O3	6540	Kyanite	Rs./t
Concentrates (U)	5747	Up to 40% Al2O3	1085
Iron Ore (total)	Rs./t	Above 40% Al2O3	895
Lumps		Sillimanite	Rs./t 7526
Below 60% Fe	755	Laterite	Rs./t
60 - 62% Fe	842	Non-Metallurgical	
62 - 65% Fe	1517	Cement	129
65% Fe & above	2042	Abrasive	NA
Fines		Chemical	NA
Below 62% Fe	970	Refractory	NA
62 - 65% Fe	970	Others	NA
65% Fe & above	1229	Magnesite	Rs./t 1617
Concentrates	1171	Marl	Rs./t NA
Manganese Ore	Rs./t	Mica (crude)	Rs./kg 33
MnO2	29037	Mica (waste & Scrap)	Rs./kg NA
Up to 25% Mn	1196	Perlite	Rs./t NA
25 - 35% Mn	4749	Pyrites	Rs./t NA
35 - 46% Mn	10276	Pyrophyllite	Rs./t 274
Above 46% Mn	15619	Pyroxenite	Rs./t 583
Agate	Rs./t 1000	Quartz	Rs./t 164
Apatite	Rs./t 2205	Quartzite	Rs./t 257
Phosphorite	Rs./t	Silica Sand	Rs./t 132
Up to 25% P2O5	253	Sand (others)	Rs./t NA
25 - 30% P2O5	1087	Salt (rock)	Rs./t 2597
Above 30% P2O5	4753	Shale	Rs./t 44
Asbestos	Rs./t	Steatite	Rs./t
Ambhibole	NR	Insecticide (Filler) grade	171
Ball Clay	Rs./t 176	Other than insecticide (Filler) grade	1033
Barytes	Rs./t	Selenite	Rs./t 850
White	342	Vermiculite	Rs./t 754
Off Colour	1183	Wollastonite	Rs./t 842
Calcite	Rs./t 335	Aluminium (lme Price)*	\$/mt 2180
Chalk	Rs./t 310	Copper (lme Price)*	\$/mt 6892
Clay (others)	Rs./t 119	Lead (lme Price)*	\$/mt 2329
Corundum	Rs./kg NA	Nickel (lme Price)*	\$/mt 17066
Corundum (ruby)	Rs./kg NA	Tin (lme Price)*	\$/mt 15547
Diamond	Rs./crt 6789	Zinc (lme Price)*	\$/mt 2376
Diaspore	Rs./t 1048	Silver (lme Price)*	c/tr oz 1769
Dunite	Rs./t 138	Gold (lme Price)*	\$/tr oz 1131
Felspar	Rs./t 182	Andhra Pradesh	
Fireclay	Rs./t 155	Iron Ore (total)	Rs./t
Felsite	Rs./t 1448		

NA : Not Available lme: London Metal Exchange t : Tonne mt : Metric Tonne
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* : Average Value for December 2009, Source - MINERALS & METALS REVIEW, January 2010. Daily average prices has been taken for Gold & Silver. Value for Bauxite in Gujarat is Provisional.

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Month : December 2009**(w.e.f. 10th Dec. 2009)**

State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
Lumps		Fines	
Below 60% Fe	215	Below 62% Fe	1495
60 - 62% Fe	215	62 - 65% Fe	1742
62 - 65% Fe	NA	65% Fe & above	1742
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	1762	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	106	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	Gujarat	
Quartz	Rs./t 163	Bauxite	Rs./t
Silica Sand	Rs./t 57	Non-Metallurgical	
Sand (others)	Rs./t NA	Cement	153
Shale	Rs./t 44	Abrasive	293
Steatite	Rs./t	Refractory	294
Insecticide (Filler) grade	122	Others (U)	310
Other than insecticide (Filler) grade	583	Manganese Ore	Rs./t
Vermiculite	Rs./t 405	Up to 25% Mn	NA
Bihar		Agate	Rs./t 1000
Mica (crude)	Rs./kg NA	Ball Clay	Rs./t 100
Mica (waste & Scrap)	Rs./kg NA	Chalk	Rs./t 310
Pyrites	Rs./t NA	Clay (others)	Rs./t NA
Quartzite	Rs./t 287	Fireclay	Rs./t 70
Steatite	Rs./t	Fluorite (graded)	Rs./t
Insecticide (Filler) grade	170	Up to 30% CaF2	NA
Chhattisgarh		Gypsum	Rs./t 100
Bauxite	Rs./t	Kaolin (natural)	Rs./t 137
Non-Metallurgical		Kaolin (processed)	Rs./t 951
Refractory	NA	Laterite	Rs./t
Iron Ore (total)	Rs./t	Non-Metallurgical	
Lumps		Cement	NA
Below 60% Fe	NA	Abrasive	NA
60 - 62% Fe	1985	Chemical	NA
62 - 65% Fe	2826	Others	NA
65% Fe & above	2826	Marl	Rs./t NA

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State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value	
Perlite	Rs./t	NA	Lumps	
Quartz	Rs./t	89	Up to 40% Cr2O3	3899
Silica Sand	Rs./t	98	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	NA	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		785	Up to 25% Mn	1037
60 - 62% Fe		855	25 - 35% Mn	1943
62 - 65% Fe		1025	35 - 46% Mn	2134
65% Fe & above		1025	Above 46% Mn	NA
Fines			Clay (others)	Rs./t
Below 62% Fe		1168	Dunite	Rs./t
62 - 65% Fe		1168	Felspar	Rs./t
65% Fe & above		1168	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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State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
Non-Metallurgical		Fluorite (graded)	Rs./t
Cement	NA	Up to 30% CaF2	NA
Iron Ore (total)	Rs./t	30-70% CaF2	NA
Lumps		70-85% CaF2	NA
Below 60% Fe	325	Above 85% CaF2	NA
60 - 62% Fe	325	Kyanite	Rs./t
Fines		Up to 40% Al2O3	550
Below 62% Fe	147	Above 40% Al2O3	895
Manganese Ore	Rs./t	Sillimanite	Rs./t
MnO2	NA	Laterite	Rs./t
Up to 25% Mn	794	Non-Metallurgical	
25 - 35% Mn	5933	Cement	NA
35 - 46% Mn	9978	Chemical	NA
Above 46% Mn	15418	Pyrophyllite	Rs./t
Phosphorite	Rs./t	Quartz	Rs./t
Up to 25% P2O5	345	Quartzite	Rs./t
25 - 30% P2O5	1087	Silica Sand	Rs./t
Above 30% P2O5	NA	Sand (others)	Rs./t
Calcite	Rs./t	Shale	Rs./t
Clay (others)	Rs./t	Meghalaya	
Diamond	Rs./crt	Shale	Rs./t
Diaspore	Rs./t	Orissa	
Fireclay	Rs./t	Chromite	Rs./t
Kaolin (natural)	Rs./t	Lumps	
Laterite	Rs./t	Up to 40% Cr2O3	3585
Non-Metallurgical		40 - 52% Cr2O3	NA
Cement	45	Above 52% Cr2O3	NA
Pyrophyllite	Rs./t	Fines	
Shale	Rs./t	Up to 40% Cr2O3	3277
Steatite	Rs./t	40 - 52% Cr2O3	4566
Insecticide (Filler) grade	NA	Above 52% Cr2O3	6540
Vermiculite	Rs./t	Concentrates (U)	5747
Maharashtra		Iron Ore (total)	Rs./t
Bauxite	Rs./t	Lumps	
Non-Metallurgical		Below 60% Fe	NA
Cement	100	60 - 62% Fe	660
Others (U)	149	62 - 65% Fe	1731
Chromite	Rs./t	65% Fe & above	1731
Lumps		Fines	
Up to 40% Cr2O3	7413	Below 62% Fe	722
40 - 52% Cr2O3	NA	62 - 65% Fe	722
Iron Ore (total)	Rs./t	65% Fe & above	722
Below 60% Fe	383	Manganese Ore	Rs./t
60 - 62% Fe	383	MnO2	20752
62 - 65% Fe	NA	Up to 25% Mn	3073
Fines		25 - 35% Mn	4025
Below 62% Fe	300	35 - 46% Mn	10985
62 - 65% Fe	NA	Above 46% Mn	16384
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
Corundum	Rs./kg	Kaolin (processed)	Rs./t
Fireclay	Rs./t	Sillimanite	Rs./t
	95		12000

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