

Extract from Monthly Statistics of Mineral Production October 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 : October 2009

State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
India		Up to 30% CaF2	NA
Bauxite	Rs./t	30-70% CaF2	3831
Non-Metallurgical		70-85% CaF2	8066
Cement	161	Above 85% CaF2	NA
Abrasive	349	Garnet (abrasive)	Rs./t 397
Refractory	315	Garnet (gem)	Rs./kg NA
Others (U)	194	Graphite (r.o.m.)	Rs./t
Chromite	Rs./t	Upto 40% fixed carbon (U)	NA
Lumps		40 - 80% fixed carbon (U)	431
Up to 40% Cr2O3	2557	80% & above fixed carbon (U)	NA
40 - 52% Cr2O3	2416	Gypsum	Rs./t 280
Above 52% Cr2O3	NA	Jasper	Rs./t NR
Fines		Kaolin (natural)	Rs./t 182
Up to 40% Cr2O3	1595	Kaolin (processed)	Rs./t 2397
40 - 52% Cr2O3	2610	Kyanite	Rs./t
Above 52% Cr2O3	5280	Up to 40% Al2O3	1221
Concentrates (U)	8065	Above 40% Al2O3	NA
Iron Ore (total)	Rs./t	Sillimanite	Rs./t 10117
Lumps		Laterite	Rs./t
Below 60% Fe	703	Non-Metallurgical	
60 - 62% Fe	714	Cement	100
62 - 65% Fe	1099	Abrasive	NA
65% Fe & above	1480	Chemical	NA
Fines		Refractory	NA
Below 62% Fe	907	Others	NA
62 - 65% Fe	786	Magnesite	Rs./t 1482
65% Fe & above	976	Marl	Rs./t 58
Concentrates	928	Mica (crude)	Rs./kg 29
Manganese Ore	Rs./t	Mica (waste & Scrap)	Rs./kg NA
MnO2	13226	Perlite	Rs./t NA
Up to 25% Mn	1007	Pyrites	Rs./t NA
25 - 35% Mn	4550	Pyrophyllite	Rs./t 225
35 - 46% Mn	8204	Pyroxenite	Rs./t 641
Above 46% Mn	14509	Quartz	Rs./t 174
Agate	Rs./t NR	Quartzite	Rs./t 352
Apatite	Rs./t 2216	Silica Sand	Rs./t 127
Phosphorite	Rs./t	Sand (others)	Rs./t 51
Up to 25% P2O5	248	Salt (rock)	Rs./t 2747
25 - 30% P2O5	1067	Shale	Rs./t 19
Above 30% P2O5	4753	Steatite	Rs./t
Asbestos	Rs./t	Insecticide (Filler) grade	110
Ambhibole	NR	Other than insecticide (Filler) grade	672
Ball Clay	Rs./t 192	Selenite	Rs./t 850
Barytes	Rs./t	Vermiculite	Rs./t 914
White	278	Wollastonite	Rs./t 830
Off Colour	1318	Aluminium (lme Price)*	\$/mt 1879
Calcite	Rs./t 324	Copper (lme Price)*	\$/mt 6288
Chalk	Rs./t 307	Lead (lme Price)*	\$/mt 2241
Clay (others)	Rs./t 63	Nickel (lme Price)*	\$/mt 18525
Corundum	Rs./kg NA	Tin (lme Price)*	\$/mt 15009
Corundum (ruby)	Rs./kg NA	Zinc (lme Price)*	\$/mt 2072
Diamond	Rs./crt 7054	Silver (lme Price)*	c/tr oz 1043
Diaspore	Rs./t 983	Gold (lme Price)*	\$/tr oz 1724
Dunite	Rs./t 257	Andhra Pradesh	
Felspar	Rs./t 177	Iron Ore (total)	Rs./t
Fireclay	Rs./t 168	Lumps	
Felsite	Rs./t 1464	Below 60% Fe	246
Fluorite (graded)	Rs./t		

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60 - 62% Fe	NA	62 - 65% Fe	1113
62 - 65% Fe	985	65% Fe & above	1695
Fines		Clay (others)	Rs./t NA
Below 62% Fe	154	Quartz	Rs./t NR
62 - 65% Fe	1000	Steatite	Rs./t
Manganese Ore	Rs./t	Insecticide (Filler) grade	NA
MnO2	NA	Goa	
Up to 25% Mn	2382	Bauxite	Rs./t
25 - 35% Mn	2382	Non-Metallurgical	
35 - 46% Mn	2382	Cement	NA
Above 46% Mn	NA	Iron Ore (total)	Rs./t
Apatite	Rs./t 2216	Lumps	
Asbestos	Rs./t	Below 60% Fe	797
Ambhibole	NR	60 - 62% Fe	1260
Ball Clay	Rs./t 94	62 - 65% Fe	1260
Barytes	Rs./t	Fines	
White	278	Below 62% Fe	1133
Off Colour	1320	62 - 65% Fe	1444
Clay (others)	Rs./t 144	65% Fe & above	1444
Felspar	Rs./t 175	Concentrates	928
Fireclay	Rs./t 176	Manganese Ore	Rs./t
Garnet (abrasive)	Rs./t 85	MnO2	NA
Kaolin (natural)	Rs./t 67	Up to 25% Mn	NA
Laterite	Rs./t	25 - 35% Mn	NA
Non-Metallurgical		35 - 46% Mn	NA
Cement	100	Above 46% Mn	NA
Chemical	NA	Laterite	Rs./t
Mica (crude)	Rs./kg 29	Non-Metallurgical	
Mica (waste & Scrap)	Rs./kg NA	Cement	NA
Pyrophyllite	Rs./t 100	Gujarat	
Quartz	Rs./t 157	Bauxite	Rs./t
Silica Sand	Rs./t 54	Non-Metallurgical	
Sand (others)	Rs./t 40	Cement	154
Shale	Rs./t 53	Abrasive	349
Steatite	Rs./t	Refractory	315
Insecticide (Filler) grade	122	Others (U)	195
Other than insecticide (Filler) grade	522	Agate	Rs./t NR
Vermiculite	Rs./t 352	Ball Clay	Rs./t 25
Bihar		Chalk	Rs./t 307
Mica (crude)	Rs./kg NA	Clay (others)	Rs./t 17
Mica (waste & Scrap)	Rs./kg NA	Fireclay	Rs./t 72
Pyrites	Rs./t NA	Fluorite (graded)	Rs./t
Quartzite	Rs./t 369	Up to 30% CaF2	NA
Steatite	Rs./t	Gypsum	Rs./t 167
Insecticide (Filler) grade	136	Kaolin (natural)	Rs./t 135
Chhattisgarh		Kaolin (processed)	Rs./t 954
Bauxite	Rs./t	Laterite	Rs./t
Non-Metallurgical		Non-Metallurgical	
Refractory	245	Cement	62
Iron Ore (total)	Rs./t	Abrasive	NA
Lumps		Chemical	NA
Below 60% Fe	NA	Others	NA
60 - 62% Fe	1846	Marl	Rs./t 59
62 - 65% Fe	1846	Perlite	Rs./t NA
65% Fe & above	2983	Quartz	Rs./t 89
Fines		Silica Sand	Rs./t 18
Below 62% Fe	1113	Steatite	Rs./t

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Insecticide (Filler) grade	NA	40 - 52% Cr2O3	NA
Himachal Pradesh		Concentrates (U)	NA
Barytes	Rs./t	Iron Ore (total)	Rs./t
White	NA	Lumps	
Off Colour	NA	Below 60% Fe	732
Salt (rock)	Rs./t	60 - 62% Fe	732
Shale	Rs./t	62 - 65% Fe	912
Jammu & Kashmir		65% Fe & above	1491
Gypsum	Rs./t	Fines	
Jharkhand		Below 62% Fe	630
Bauxite	Rs./t	62 - 65% Fe	1018
Non-Metallurgical		65% Fe & above	1548
Cement	NA	Manganese Ore	Rs./t
Iron Ore (total)	Rs./t	MnO2	NA
Lumps		Up to 25% Mn	739
Below 60% Fe	314	25 - 35% Mn	1582
60 - 62% Fe	362	35 - 46% Mn	2134
62 - 65% Fe	773	Above 46% Mn	NA
65% Fe & above	773	Clay (others)	Rs./t
Fines		Dunite	Rs./t
Below 62% Fe	368	Felspar	Rs./t
62 - 65% Fe	530	Fireclay	Rs./t
65% Fe & above	530	Felsite	Rs./t
Manganese Ore	Rs./t	Kaolin (natural)	Rs./t
MnO2	NA	Kaolin (processed)	Rs./t
Up to 25% Mn	NA	Kyanite	Rs./t
25 - 35% Mn	NA	Up to 40% Al2O3	NA
35 - 46% Mn	1493	Above 40% Al2O3	NA
Above 46% Mn	NA	Laterite	Rs./t
Felspar	Rs./t	Non-Metallurgical	
Fireclay	Rs./t	Cement	257
Graphite (r.o.m.)	Rs./t	Chemical	NA
Upto 40% fixed carbon (U)	NA	Refractory	NA
Kaolin (natural)	Rs./t	Magnesite	Rs./t
Kaolin (processed)	Rs./t	Quartz	Rs./t
Kyanite	Rs./t	Quartzite	Rs./t
Up to 40% Al2O3	1221	Silica Sand	Rs./t
Above 40% Al2O3	NA	Shale	Rs./t
Laterite	Rs./t	Steatite	Rs./t
Non-Metallurgical		Insecticide (Filler) grade	NA
Cement	NA	Kerala	
Mica (crude)	Rs./kg	Kaolin (natural)	Rs./t
Mica (waste & Scrap)	Rs./kg	Kaolin (processed)	Rs./t
Pyrophyllite	Rs./t	Sillimanite	Rs./t
Pyroxenite	Rs./t	Laterite	Rs./t
Quartz	Rs./t	Non-Metallurgical	
Silica Sand	Rs./t	Cement	148
Karnataka		Chemical	NA
Bauxite	Rs./t	Others	NA
Non-Metallurgical		Silica Sand	Rs./t
Cement	NR	Madhya Pradesh	
Chromite	Rs./t	Bauxite	Rs./t
Lumps		Non-Metallurgical	
Up to 40% Cr2O3	3820	Cement	NA
40 - 52% Cr2O3	NA	Iron Ore (total)	Rs./t
Fines		Lumps	
Up to 40% Cr2O3	NA	Below 60% Fe	375

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60 - 62% Fe	375	Up to 40% Al ₂ O ₃	NA
Fines		Above 40% Al ₂ O ₃	NA
Below 62% Fe	205	Sillimanite	Rs./t 892
Manganese Ore	Rs./t	Laterite	Rs./t
MnO ₂	NA	Non-Metallurgical	
Up to 25% Mn	765	Cement	145
25 - 35% Mn	6214	Chemical	NA
35 - 46% Mn	8306	Pyrophyllite	Rs./t 298
Above 46% Mn	15726	Quartz	Rs./t 234
Phosphorite	Rs./t	Quartzite	Rs./t 250
Up to 25% P ₂ O ₅	345	Silica Sand	Rs./t 219
25 - 30% P ₂ O ₅	1067	Sand (others)	Rs./t 81
Above 30% P ₂ O ₅	NA	Shale	Rs./t 26
Calcite	Rs./t NR	Meghalaya	
Clay (others)	Rs./t 63	Shale	Rs./t NA
Diamond	Rs./crt 7054	Orissa	
Diaspore	Rs./t 830	Chromite	Rs./t
Fireclay	Rs./t 69	Lumps	
Kaolin (natural)	Rs./t 95	Up to 40% Cr ₂ O ₃	2500
Laterite	Rs./t	40 - 52% Cr ₂ O ₃	2500
Non-Metallurgical		Above 52% Cr ₂ O ₃	NA
Cement	48	Fines	
Pyrophyllite	Rs./t 222	Up to 40% Cr ₂ O ₃	1595
Shale	Rs./t 9	40 - 52% Cr ₂ O ₃	2610
Steatite	Rs./t	Above 52% Cr ₂ O ₃	5280
Insecticide (Filler) grade	NA	Concentrates (U)	8065
Vermiculite	Rs./t NA	Iron Ore (total)	Rs./t
Maharashtra		Lumps	
Bauxite	Rs./t	Below 60% Fe	NA
Non-Metallurgical		60 - 62% Fe	640
Cement	325	62 - 65% Fe	1382
Others (U)	150	65% Fe & above	1382
Chromite	Rs./t	Fines	
Lumps		Below 62% Fe	699
Up to 40% Cr ₂ O ₃	7413	62 - 65% Fe	699
40 - 52% Cr ₂ O ₃	NA	65% Fe & above	699
Iron Ore (total)	Rs./t	Manganese Ore	Rs./t
Below 60% Fe	327	MnO ₂	3864
60 - 62% Fe	327	Up to 25% Mn	868
62 - 65% Fe	NA	25 - 35% Mn	3121
Fines		35 - 46% Mn	4914
Below 62% Fe	547	Above 46% Mn	4914
62 - 65% Fe	NA	Corundum (ruby)	Rs./kg NA
Manganese Ore	Rs./t	Fireclay	Rs./t 248
MnO ₂	30095	Garnet (abrasive)	Rs./t 2638
Up to 25% Mn	973	Graphite (r.o.m.)	Rs./t
25 - 35% Mn	7676	Upto 40% fixed carbon (U)	NA
35 - 46% Mn	11909	40 - 80% fixed carbon (U)	431
Above 46% Mn	16294	Kaolin (natural)	Rs./t NA
Clay (others)	Rs./t NA	Kaolin (processed)	Rs./t 788
Corundum	Rs./kg NA	Sillimanite	Rs./t 12000
Fireclay	Rs./t 95	Pyrophyllite	Rs./t 230
Fluorite (graded)	Rs./t	Pyroxenite	Rs./t 688
Up to 30% CaF ₂	NA	Quartz	Rs./t NA
30-70% CaF ₂	3831	Quartzite	Rs./t 421
70-85% CaF ₂	8066	Silica Sand	Rs./t NA
Above 85% CaF ₂	NA	Steatite	Rs./t
Kyanite	Rs./t		

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Insecticide (Filler) grade	NA	Quartz	Rs./t 2369
Other than insecticide (Filler) grade	NA	Silica Sand	Rs./t 1054
Rajasthan		Steatite	Rs./t
Iron Ore (total)	Rs./t	Insecticide (Filler) grade	NA
Lumps		Vermiculite	Rs./t 2682
Below 60% Fe	NA	Uttar Pradesh	
Manganese Ore	Rs./t	Diaspore	Rs./t 1042
25 - 35% Mn	750	Pyrophyllite	Rs./t 229
Phosphorite	Rs./t	Silica Sand	Rs./t 210
Up to 25% P2O5	240	Uttaranchal	
25 - 30% P2O5	NA	Magnesite	Rs./t 1160
Above 30% P2O5	4753	Steatite	Rs./t
Ball Clay	Rs./t 244	Insecticide (Filler) grade	174
Barytes	Rs./t	Other than insecticide (Filler) grade	628
White	NA	West Bengal	
Off Colour	491	Apatite	Rs./t NA
Calcite	Rs./t 324	Clay (others)	Rs./t NA
Clay (others)	Rs./t 106	Felspar	Rs./t 399
Felspar	Rs./t 170	Fireclay	Rs./t 85
Fireclay	Rs./t 154	Kaolin (natural)	Rs./t 389
Fluorite (graded)	Rs./t	Kaolin (processed)	Rs./t 1101
Up to 30% CaF2	NA	Quartz	Rs./t 188
30-70% CaF2	NA		
70-85% CaF2	NA		
Above 85% CaF2	NA		
Garnet (gem)	Rs./kg NA		
Gypsum	Rs./t 280		
Jasper	Rs./t NR		
Kaolin (natural)	Rs./t 138		
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 212		
Quartzite	Rs./t 100		
Silica Sand	Rs./t 192		
Steatite	Rs./t		
Insecticide (Filler) grade	100		
Other than insecticide (Filler) grade	682		
Selenite	Rs./t 850		
Vermiculite	Rs./t NA		
Wollastonite	Rs./t 830		
Tamil Nadu			
Dunite	Rs./t 291		
Felspar	Rs./t NA		
Fireclay	Rs./t 138		
Garnet (abrasive)	Rs./t 398		
Graphite (r.o.m.)	Rs./t		
Upto 40% fixed carbon (U)	NA		
Magnesite	Rs./t 1544		
Marl	Rs./t 51		

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