

Extract from Monthly Statistics of Mineral Production September 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 : September 2009

State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
India		Up to 30% CaF2	NA
Bauxite	Rs./t	30-70% CaF2	3808
Non-Metallurgical		70-85% CaF2	8066
Cement	143	Above 85% CaF2	NA
Abrasive	344	Garnet (abrasive)	Rs./t 400
Refractory	315	Garnet (gem)	Rs./kg NA
Others (U)	272	Graphite (r.o.m.)	Rs./t
Chromite	Rs./t	Upto 40% fixed carbon (U)	442
Lumps		40 - 80% fixed carbon (U)	350
Up to 40% Cr2O3	2345	80% & above fixed carbon (U)	NA
40 - 52% Cr2O3	2630	Gypsum	Rs./t 300
Above 52% Cr2O3	NA	Jasper	Rs./t NR
Fines		Kaolin (natural)	Rs./t 185
Up to 40% Cr2O3	1258	Kaolin (processed)	Rs./t 2294
40 - 52% Cr2O3	1433	Kyanite	Rs./t
Above 52% Cr2O3	4945	Up to 40% Al2O3	1358
Concentrates (U)	7477	Above 40% Al2O3	NA
Iron Ore (total)	Rs./t	Sillimanite	Rs./t 10198
Lumps		Laterite	Rs./t
Below 60% Fe	529	Non-Metallurgical	
60 - 62% Fe	786	Cement	108
62 - 65% Fe	1267	Abrasive	NA
65% Fe & above	1744	Chemical	NA
Fines		Refractory	NA
Below 62% Fe	810	Others	NA
62 - 65% Fe	486	Magnesite	Rs./t 1490
65% Fe & above	963	Marl	Rs./t 58
Concentrates	641	Mica (crude)	Rs./kg 40
Manganese Ore	Rs./t	Mica (waste & Scrap)	Rs./kg NA
MnO2	17175	Perlite	Rs./t NA
Up to 25% Mn	987	Pyrites	Rs./t NA
25 - 35% Mn	4222	Pyrophyllite	Rs./t 219
35 - 46% Mn	8615	Pyroxenite	Rs./t 682
Above 46% Mn	14823	Quartz	Rs./t 160
Agate	Rs./t NR	Quartzite	Rs./t 315
Apatite	Rs./t 2216	Silica Sand	Rs./t 127
Phosphorite	Rs./t	Sand (others)	Rs./t 43
Up to 25% P2O5	244	Salt (rock)	Rs./t 2824
25 - 30% P2O5	1087	Shale	Rs./t 21
Above 30% P2O5	4753	Steatite	Rs./t
Asbestos	Rs./t	Insecticide (Filler) grade	126
Ambhibole	NR	Other than insecticide (Filler) grade	766
Ball Clay	Rs./t 213	Selenite	Rs./t 850
Barytes	Rs./t	Vermiculite	Rs./t 930
White	NA	Wollastonite	Rs./t 850
Off Colour	1187	Aluminium (lme Price)*	\$/mt 1834
Calcite	Rs./t 334	Copper (lme Price)*	\$/mt 6196
Chalk	Rs./t 310	Lead (lme Price)*	\$/mt 2205
Clay (others)	Rs./t 61	Nickel (lme Price)*	\$/mt 17473
Corundum	Rs./kg 3	Tin (lme Price)*	\$/mt 14869
Corundum (ruby)	Rs./kg NA	Zinc (lme Price)*	\$/mt 1884
Diamond	Rs./crt 6582	Silver (lme Price)*	c/tr oz 1639
Diaspore	Rs./t 958	Gold (lme Price)*	\$/tr oz 997
Dunite	Rs./t 271	Andhra Pradesh	
Felspar	Rs./t 200	Iron Ore (total)	Rs./t
Fireclay	Rs./t 166	Lumps	
Felsite	Rs./t 1382	Below 60% Fe	273
Fluorite (graded)	Rs./t		

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60 - 62% Fe	NA	Quartz	Rs./t NR
62 - 65% Fe	2709	Steatite	Rs./t
Fines		Insecticide (Filler) grade	100
Below 62% Fe	153	Goa	
62 - 65% Fe	581	Bauxite	Rs./t
Manganese Ore	Rs./t	Non-Metallurgical	
MnO2	NA	Cement	NA
Up to 25% Mn	2147	Iron Ore (total)	Rs./t
25 - 35% Mn	2147	Lumps	
35 - 46% Mn	2250	Below 60% Fe	687
Above 46% Mn	NA	60 - 62% Fe	1286
Apatite	Rs./t 2216	62 - 65% Fe	NA
Asbestos	Rs./t	Fines	
Ambhibole	NR	Below 62% Fe	1208
Ball Clay	Rs./t 95	62 - 65% Fe	1208
Barytes	Rs./t	65% Fe & above	1208
White	NA	Concentrates	641
Off Colour	1189	Manganese Ore	Rs./t
Clay (others)	Rs./t 139	MnO2	NA
Felspar	Rs./t 213	Up to 25% Mn	NA
Fireclay	Rs./t 182	25 - 35% Mn	NA
Garnet (abrasive)	Rs./t 92	35 - 46% Mn	NA
Kaolin (natural)	Rs./t 57	Above 46% Mn	NA
Laterite	Rs./t	Laterite	Rs./t
Non-Metallurgical		Non-Metallurgical	
Cement	105	Cement	NA
Chemical	NA	Gujarat	
Mica (crude)	Rs./kg 40	Bauxite	Rs./t
Mica (waste & Scrap)	Rs./kg NA	Non-Metallurgical	
Pyrophyllite	Rs./t 100	Cement	152
Quartz	Rs./t 157	Abrasive	344
Silica Sand	Rs./t 51	Refractory	315
Sand (others)	Rs./t 43	Others (U)	303
Shale	Rs./t 52	Agate	Rs./t NR
Steatite	Rs./t	Ball Clay	Rs./t 26
Insecticide (Filler) grade	157	Chalk	Rs./t 310
Other than insecticide (Filler) grade	613	Clay (others)	Rs./t 15
Vermiculite	Rs./t 578	Fireclay	Rs./t 66
Bihar		Fluorite (graded)	Rs./t
Mica (crude)	Rs./kg NA	Up to 30% CaF2	NA
Mica (waste & Scrap)	Rs./kg NA	Gypsum	Rs./t 91
Pyrites	Rs./t NA	Kaolin (natural)	Rs./t 141
Quartzite	Rs./t 429	Kaolin (processed)	Rs./t 832
Steatite	Rs./t	Laterite	Rs./t
Insecticide (Filler) grade	127	Non-Metallurgical	
Chhattisgarh		Cement	NA
Iron Ore (total)	Rs./t	Abrasive	NA
Lumps		Chemical	NA
Below 60% Fe	NA	Others	NA
60 - 62% Fe	1344	Marl	Rs./t 59
62 - 65% Fe	1344	Perlite	Rs./t NA
65% Fe & above	3140	Quartz	Rs./t 96
Fines		Silica Sand	Rs./t 164
Below 62% Fe	536	Steatite	Rs./t
62 - 65% Fe	910	Insecticide (Filler) grade	NA
65% Fe & above	1631	Himachal Pradesh	
Clay (others)	Rs./t NA	Barytes	Rs./t

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State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
White	NA	Lumps	
Off Colour	NA	Below 60% Fe	707
Salt (rock)	Rs./t	60 - 62% Fe	707
Shale	Rs./t	62 - 65% Fe	1127
Jammu & Kashmir		65% Fe & above	1176
Gypsum	Rs./t	Fines	
Jharkhand		Below 62% Fe	628
Bauxite	Rs./t	62 - 65% Fe	893
Non-Metallurgical		65% Fe & above	1283
Cement	NA	Manganese Ore	Rs./t
Iron Ore (total)	Rs./t	MnO2	NA
Lumps		Up to 25% Mn	750
Below 60% Fe	398	25 - 35% Mn	1522
60 - 62% Fe	420	35 - 46% Mn	2134
62 - 65% Fe	741	Above 46% Mn	NA
65% Fe & above	741	Clay (others)	Rs./t
Fines		Dunite	Rs./t
Below 62% Fe	385	Felspar	Rs./t
62 - 65% Fe	558	Fireclay	Rs./t
65% Fe & above	558	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	525	Up to 40% Al2O3	NA
35 - 46% Mn	1500	Above 40% Al2O3	NA
Above 46% Mn	NA	Laterite	Rs./t
Felspar	Rs./t	Non-Metallurgical	
Fireclay	Rs./t	Cement	85
Graphite (r.o.m.)	Rs./t	Chemical	NA
Upto 40% fixed carbon (U)	434	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	1358	Silica Sand	Rs./t
Above 40% Al2O3	NA	Shale	Rs./t
Laterite	Rs./t	Steatite	Rs./t
Non-Metallurgical		Insecticide (Filler) grade	NA
Cement	76	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	158
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	3476	Cement	101
40 - 52% Cr2O3	NA	Iron Ore (total)	Rs./t
Fines		Lumps	
Up to 40% Cr2O3	9267	Below 60% Fe	427
40 - 52% Cr2O3	15633	60 - 62% Fe	427
Concentrates (U)	NA	Fines	
Iron Ore (total)	Rs./t	Below 62% Fe	224
		Manganese Ore	Rs./t

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MnO2	NA	Non-Metallurgical	
Up to 25% Mn	914	Cement	143
25 - 35% Mn	5806	Chemical	NA
35 - 46% Mn	9145	Pyrophyllite	Rs./t 275
Above 46% Mn	15936	Quartz	Rs./t 224
Phosphorite	Rs./t	Quartzite	Rs./t 249
Up to 25% P2O5	347	Silica Sand	Rs./t 331
25 - 30% P2O5	1087	Sand (others)	Rs./t 56
Above 30% P2O5	NA	Shale	Rs./t 39
Calcite	Rs./t NR	Meghalaya	
Clay (others)	Rs./t 66	Shale	Rs./t NA
Diamond	Rs./crt 6582	Orissa	
Diaspore	Rs./t 851	Chromite	Rs./t
Fireclay	Rs./t 79	Lumps	
Kaolin (natural)	Rs./t 133	Up to 40% Cr2O3	2288
Laterite	Rs./t	40 - 52% Cr2O3	2630
Non-Metallurgical		Above 52% Cr2O3	NA
Cement	53	Fines	
Pyrophyllite	Rs./t 218	Up to 40% Cr2O3	1256
Shale	Rs./t 9	40 - 52% Cr2O3	1432
Steatite	Rs./t	Above 52% Cr2O3	4945
Insecticide (Filler) grade	NA	Concentrates (U)	7477
Vermiculite	Rs./t NA	Iron Ore (total)	Rs./t
Maharashtra		Lumps	
Bauxite	Rs./t	Below 60% Fe	NA
Non-Metallurgical		60 - 62% Fe	419
Cement	NA	62 - 65% Fe	1572
Others (U)	146	65% Fe & above	1635
Chromite	Rs./t	Fines	
Lumps		Below 62% Fe	641
Up to 40% Cr2O3	7413	62 - 65% Fe	743
40 - 52% Cr2O3	NA	65% Fe & above	743
Iron Ore (total)	Rs./t	Manganese Ore	Rs./t
Below 60% Fe	300	MnO2	3341
60 - 62% Fe	300	Up to 25% Mn	553
62 - 65% Fe	300	25 - 35% Mn	2945
Fines		35 - 46% Mn	4734
Below 62% Fe	600	Above 46% Mn	4734
62 - 65% Fe	NA	Corundum (ruby)	Rs./kg NA
Manganese Ore	Rs./t	Fireclay	Rs./t 276
MnO2	30095	Garnet (abrasive)	Rs./t 2815
Up to 25% Mn	959	Graphite (r.o.m.)	Rs./t
25 - 35% Mn	7576	Upto 40% fixed carbon (U)	505
35 - 46% Mn	11905	40 - 80% fixed carbon (U)	350
Above 46% Mn	16294	Kaolin (natural)	Rs./t NA
Clay (others)	Rs./t NA	Kaolin (processed)	Rs./t 800
Corundum	Rs./kg 3	Sillimanite	Rs./t 12000
Fireclay	Rs./t 96	Pyrophyllite	Rs./t 230
Fluorite (graded)	Rs./t	Pyroxenite	Rs./t 716
Up to 30% CaF2	NA	Quartz	Rs./t NA
30-70% CaF2	3808	Quartzite	Rs./t 321
70-85% CaF2	8066	Silica Sand	Rs./t 250
Above 85% CaF2	NA	Steatite	Rs./t
Kyanite	Rs./t	Insecticide (Filler) grade	NA
Up to 40% Al2O3	NA	Other than insecticide (Filler) grade	NA
Above 40% Al2O3	NA	Rajasthan	
Sillimanite	Rs./t 787	Iron Ore (total)	Rs./t
Laterite	Rs./t		

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Lumps		Uttar Pradesh	
Below 60% Fe	187	Diaspore	Rs./t 1009
Manganese Ore	Rs./t	Pyrophyllite	Rs./t 186
25 - 35% Mn	750	Silica Sand	Rs./t 126
Phosphorite	Rs./t	Uttaranchal	
Up to 25% P2O5	211	Magnesite	Rs./t 1090
25 - 30% P2O5	NA	Steatite	Rs./t
Above 30% P2O5	4753	Insecticide (Filler) grade	174
Ball Clay	Rs./t 289	Other than insecticide (Filler) grade	530
Barytes	Rs./t	West Bengal	
White	NA	Apatite	Rs./t NA
Off Colour	504	Clay (others)	Rs./t NA
Calcite	Rs./t 334	Felspar	Rs./t 398
Clay (others)	Rs./t 68	Fireclay	Rs./t 76
Felspar	Rs./t 173	Kaolin (natural)	Rs./t 408
Fireclay	Rs./t 154	Kaolin (processed)	Rs./t 1100
Fluorite (graded)	Rs./t	Quartz	Rs./t 200
Up to 30% CaF2	NA		
30-70% CaF2	NA		
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 141		
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 204		
Quartzite	Rs./t 100		
Silica Sand	Rs./t 218		
Steatite	Rs./t		
Insecticide (Filler) grade	100		
Other than insecticide (Filler) grade	776		
Selenite	Rs./t 850		
Vermiculite	Rs./t NA		
Wollastonite	Rs./t 850		
Tamil Nadu			
Dunite	Rs./t 397		
Felspar	Rs./t NA		
Fireclay	Rs./t 132		
Garnet (abrasive)	Rs./t 401		
Graphite (r.o.m.)	Rs./t		
Upto 40% fixed carbon (U)	410		
Magnesite	Rs./t 1560		
Marl	Rs./t 51		
Quartz	Rs./t 1153		
Silica Sand	Rs./t 891		
Steatite	Rs./t		
Insecticide (Filler) grade	NA		
Vermiculite	Rs./t 2682		

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