

Extract from Monthly Statistics of Mineral Production March 2010 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 : March 2010**

State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
India		Dunite	Rs./t NA
Bauxite	Rs./t	Felspar	Rs./t 197
Non-Metallurgical		Fireclay	Rs./t 148
Cement	116	Felsite	Rs./t 1034
Abrasive	332	Fluorite (graded)	Rs./t
Refractory	408	Up to 30% CaF2	NA
Others (U)	190	30-70% CaF2	4347
Chromite	Rs./t	70-85% CaF2	9136
Lumps		Above 85% CaF2	NA
Up to 40% Cr2O3	1736	Garnet (abrasive)	Rs./t 549
40 - 52% Cr2O3	2895	Garnet (gem)	Rs./kg NA
Above 52% Cr2O3	NA	Graphite (r.o.m.)	Rs./t
Fines		Upto 40% fixed carbon (U)	392
Up to 40% Cr2O3	3312	40 - 80% fixed carbon (U)	NA
40 - 52% Cr2O3	4151	80% & above fixed carbon (U)	NA
Above 52% Cr2O3	7793	Gypsum	Rs./t 300
Concentrates	7778	Jasper	Rs./t NR
Iron Ore (total)	Rs./t	Kaolin (natural)	Rs./t 219
Lumps		Kaolin (processed)	Rs./t 1881
Below 60% Fe	1278	Kyanite	Rs./t
60 - 62% Fe	1278	Up to 40% Al2O3	1036
62 - 65% Fe	1861	Above 40% Al2O3	900
65% Fe & above	2365	Sillimanite	Rs./t 8049
Fines		Laterite	Rs./t
Below 62% Fe	1461	Non-Metallurgical	
62 - 65% Fe	1461	Cement	107
65% Fe & above	1461	Abrasive	NA
Concentrates	913	Chemical	NA
Manganese Ore	Rs./t	Refractory	NA
MnO2	20366	Others	NA
Up to 25% Mn	2481	Magnesite	Rs./t 1394
25 - 35% Mn	3611	Marl	Rs./t NA
35 - 46% Mn	8127	Mica (crude)	Rs./kg 41
Above 46% Mn	11703	Mica (waste & Scrap)	Rs./kg NA
Agate	Rs./t 500	Perlite	Rs./t NA
Apatite	Rs./t 1916	Pyrites	Rs./t NA
Phosphorite	Rs./t	Pyrophyllite	Rs./t 288
Up to 25% P2O5	263	Pyroxenite	Rs./t 446
25 - 30% P2O5	1087	Quartz	Rs./t 197
Above 30% P2O5	4753	Quartzite	Rs./t 217
Asbestos	Rs./t	Silica Sand	Rs./t 165
Ambhibole	NR	Sand (others)	Rs./t NA
Ball Clay	Rs./t 220	Salt (rock)	Rs./t 2765
Barytes	Rs./t	Shale	Rs./t 44
White	590	Steatite	Rs./t
Off Colour	1131	Insecticide (Filler) grade	195
Calcite	Rs./t 331	Other than insecticide (Filler) grade	788
Chalk	Rs./t 378	Selenite	Rs./t 850
Clay (others)	Rs./t 158	Vermiculite	Rs./t 893
Corundum	Rs./kg NA	Wollastonite	Rs./t 845
Corundum (ruby)	Rs./kg NA	Aluminium (lme Price)*	\$/mt 2206
Diamond	Rs./crt 6503	Copper (lme Price)*	\$/mt 7463
Diaspore	Rs./t 1013		

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Lead (lme Price)*	\$/mt 2172	Pyrites	Rs./t NA
Nickel (lme Price)*	\$/mt 22461	Quartzite	Rs./t 237
Tin (lme Price)*	\$/mt 17549	Steatite	Rs./t
Zinc (lme Price)*	\$/mt 2275	Insecticide (Filler) grade	125
Silver (lme Price)*	c/tr oz 1711	Chhattisgarh	
Gold (lme Price)*	\$/tr oz 1113	Bauxite	Rs./t
Andhra Pradesh		Non-Metallurgical	
Iron Ore (total)	Rs./t	Refractory	NA
Lumps		Iron Ore (total)	Rs./t
Below 60% Fe	287	Lumps	
60 - 62% Fe	NA	Below 60% Fe	NA
62 - 65% Fe	NA	60 - 62% Fe	NA
Fines		62 - 65% Fe	2239
Below 62% Fe	121	65% Fe & above	3227
62 - 65% Fe	NA	Fines	
Manganese Ore	Rs./t	Below 62% Fe	1797
MnO2	NA	62 - 65% Fe	1917
Up to 25% Mn	3030	65% Fe & above	1917
25 - 35% Mn	3030	Clay (others)	Rs./t NA
35 - 46% Mn	3030	Quartz	Rs./t NR
Above 46% Mn	NA	Steatite	Rs./t
Apatite	Rs./t 2140	Insecticide (Filler) grade	NA
Asbestos	Rs./t	Goa	
Ambhibole	NR	Bauxite	Rs./t
Ball Clay	Rs./t 118	Non-Metallurgical	
Barytes	Rs./t	Cement	62
White	590	Iron Ore (total)	Rs./t
Off Colour	1134	Lumps	
Clay (others)	Rs./t 92	Below 60% Fe	1727
Felspar	Rs./t 231	60 - 62% Fe	2367
Fireclay	Rs./t 217	62 - 65% Fe	NA
Garnet (abrasive)	Rs./t 83	Fines	
Kaolin (natural)	Rs./t 84	Below 62% Fe	1657
Laterite	Rs./t	62 - 65% Fe	2482
Non-Metallurgical		65% Fe & above	2482
Cement	96	Concentrates	913
Chemical	NA	Manganese Ore	Rs./t
Mica (crude)	Rs./kg 41	MnO2	NA
Mica (waste & Scrap)	Rs./kg NA	Up to 25% Mn	NA
Pyrophyllite	Rs./t 150	25 - 35% Mn	NA
Quartz	Rs./t 165	35 - 46% Mn	NA
Quartzite	Rs./t 150	Above 46% Mn	NA
Silica Sand	Rs./t 66	Laterite	Rs./t
Sand (others)	Rs./t NA	Non-Metallurgical	
Shale	Rs./t 44	Cement	47
Steatite	Rs./t	Gujarat	
Insecticide (Filler) grade	177	Bauxite	Rs./t
Other than insecticide (Filler) grade	565	Non-Metallurgical	
Vermiculite	Rs./t 548	Cement	168
Bihar		Abrasive	332
Mica (crude)	Rs./kg NA	Refractory	408
Mica (waste & Scrap)	Rs./kg NA	Others (U)	401
		Manganese Ore	Rs./t

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State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
Up to 25% Mn	NA	Fireclay	Rs./t 200
25 - 35% Mn	491	Graphite (r.o.m.)	Rs./t
Agate	Rs./t 500	Upto 40% fixed carbon (U)	365
Ball Clay	Rs./t 100	Kaolin (natural)	Rs./t 499
Chalk	Rs./t 378	Kaolin (processed)	Rs./t 2349
Clay (others)	Rs./t NA	Kyanite	Rs./t
Fireclay	Rs./t 72	Up to 40% Al2O3	1100
Fluorite (graded)	Rs./t	Above 40% Al2O3	NA
Up to 30% CaF2	NA	Laterite	Rs./t
Gypsum	Rs./t 100	Non-Metallurgical	
Kaolin (natural)	Rs./t 169	Cement	154
Kaolin (processed)	Rs./t 1252	Mica (crude)	Rs./kg NA
Laterite	Rs./t	Mica (waste & Scrap)	Rs./kg NA
Non-Metallurgical		Pyrophyllite	Rs./t NA
Cement	255	Pyroxenite	Rs./t 251
Abrasive	NA	Quartz	Rs./t 168
Chemical	NA	Quartzite	Rs./t 200
Others	NA	Silica Sand	Rs./t 445
Marl	Rs./t NA	Karnataka	
Perlite	Rs./t NA	Bauxite	Rs./t
Quartz	Rs./t 130	Non-Metallurgical	
Silica Sand	Rs./t 79	Cement	NR
Steatite	Rs./t	Chromite	Rs./t
Insecticide (Filler) grade	100	Lumps	
Himachal Pradesh		Up to 40% Cr2O3	5801
Barytes	Rs./t	40 - 52% Cr2O3	NA
White	NA	Fines	
Off Colour	NA	Up to 40% Cr2O3	9580
Salt (rock)	Rs./t 2765	40 - 52% Cr2O3	NA
Shale	Rs./t NA	Concentrates	NA
Jammu & Kashmir		Iron Ore (total)	Rs./t
Gypsum	Rs./t 300	Lumps	
Jharkhand		Below 60% Fe	571
Bauxite	Rs./t	60 - 62% Fe	571
Non-Metallurgical		62 - 65% Fe	1215
Cement	NA	65% Fe & above	2494
Iron Ore (total)	Rs./t	Fines	
Lumps		Below 62% Fe	994
Below 60% Fe	1126	62 - 65% Fe	1234
60 - 62% Fe	1126	65% Fe & above	1988
62 - 65% Fe	1126	Manganese Ore	Rs./t
65% Fe & above	NA	MnO2	NA
Fines		Up to 25% Mn	1513
Below 62% Fe	745	25 - 35% Mn	2687
62 - 65% Fe	745	35 - 46% Mn	2687
65% Fe & above	NA	Above 46% Mn	NA
Manganese Ore	Rs./t	Clay (others)	Rs./t NA
MnO2	NA	Dunite	Rs./t NA
Up to 25% Mn	850	Felspar	Rs./t 210
25 - 35% Mn	NA	Fireclay	Rs./t 451
35 - 46% Mn	NA	Felsite	Rs./t 1034
Above 46% Mn	NA	Kaolin (natural)	Rs./t NA
Felspar	Rs./t 181	Kaolin (processed)	Rs./t 1477

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Kyanite	Rs./t	Non-Metallurgical	
Up to 40% Al ₂ O ₃	NA	Cement	70
Above 40% Al ₂ O ₃	NA	Pyrophyllite	Rs./t 281
Laterite	Rs./t	Shale	Rs./t NA
Non-Metallurgical		Steatite	Rs./t
Cement	221	Insecticide (Filler) grade	NA
Chemical	NA	Vermiculite	Rs./t NA
Refractory	NA	Maharashtra	
Magnesite	Rs./t 1254	Bauxite	Rs./t
Quartz	Rs./t NA	Non-Metallurgical	
Quartzite	Rs./t 170	Cement	280
Silica Sand	Rs./t 108	Others (U)	154
Shale	Rs./t NA	Chromite	Rs./t
Steatite	Rs./t	Lumps	
Insecticide (Filler) grade	NA	Up to 40% Cr ₂ O ₃	7413
Kerala		40 - 52% Cr ₂ O ₃	NA
Kaolin (natural)	Rs./t 225	Iron Ore (total)	Rs./t
Kaolin (processed)	Rs./t 2289	Below 60% Fe	700
Sillimanite	Rs./t 11441	60 - 62% Fe	700
Laterite	Rs./t	62 - 65% Fe	NA
Non-Metallurgical		Fines	
Cement	321	Below 62% Fe	623
Chemical	NA	62 - 65% Fe	NA
Others	NA	Manganese Ore	Rs./t
Silica Sand	Rs./t 947	MnO ₂	18653
Madhya Pradesh		Up to 25% Mn	928
Bauxite	Rs./t	25 - 35% Mn	4515
Non-Metallurgical		35 - 46% Mn	9189
Cement	190	Above 46% Mn	11595
Iron Ore (total)	Rs./t	Clay (others)	Rs./t NA
Lumps		Corundum	Rs./kg NA
Below 60% Fe	492	Fireclay	Rs./t 95
60 - 62% Fe	NA	Fluorite (graded)	Rs./t
Fines		Up to 30% CaF ₂	NA
Below 62% Fe	285	30-70% CaF ₂	4381
Manganese Ore	Rs./t	70-85% CaF ₂	9136
MnO ₂	NA	Above 85% CaF ₂	NA
Up to 25% Mn	1338	Kyanite	Rs./t
25 - 35% Mn	5342	Up to 40% Al ₂ O ₃	757
35 - 46% Mn	7610	Above 40% Al ₂ O ₃	900
Above 46% Mn	11591	Sillimanite	Rs./t 727
Phosphorite	Rs./t	Laterite	Rs./t
Up to 25% P ₂ O ₅	352	Non-Metallurgical	
25 - 30% P ₂ O ₅	1087	Cement	NA
Above 30% P ₂ O ₅	NA	Chemical	NA
Calcite	Rs./t NR	Pyrophyllite	Rs./t 320
Clay (others)	Rs./t NA	Quartz	Rs./t 218
Diamond	Rs./crt 6503	Quartzite	Rs./t 250
Diaspore	Rs./t 962	Silica Sand	Rs./t 134
Fireclay	Rs./t 87	Sand (others)	Rs./t NA
Kaolin (natural)	Rs./t 90	Shale	Rs./t NA
Laterite	Rs./t	Meghalaya	
		Shale	Rs./t NA

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Orissa		Above 30% P2O5	4753
Chromite	Rs./t	Ball Clay	Rs./t 272
Lumps		Barytes	Rs./t
Up to 40% Cr2O3	2289	White	NA
40 - 52% Cr2O3	2895	Off Colour	370
Above 52% Cr2O3	NA	Calcite	Rs./t 331
Fines		Clay (others)	Rs./t 183
Up to 40% Cr2O3	3311	Felspar	Rs./t 159
40 - 52% Cr2O3	4151	Fireclay	Rs./t 182
Above 52% Cr2O3	7793	Fluorite (graded)	Rs./t
Concentrates	7778	Up to 30% CaF2	NA
Iron Ore (total)	Rs./t	30-70% CaF2	3265
Lumps		70-85% CaF2	NA
Below 60% Fe	337	Above 85% CaF2	NA
60 - 62% Fe	789	Garnet (gem)	Rs./kg NA
62 - 65% Fe	2244	Gypsum	Rs./t 300
65% Fe & above	2244	Jasper	Rs./t NR
Fines		Kaolin (natural)	Rs./t 260
Below 62% Fe	632	Kyanite	Rs./t
62 - 65% Fe	1010	Up to 40% Al2O3	NA
65% Fe & above	1010	Sillimanite	Rs./t NA
Manganese Ore	Rs./t	Laterite	Rs./t
MnO2	21239	Non-Metallurgical	
Up to 25% Mn	4460	Chemical	NA
25 - 35% Mn	6607	Magnesite	Rs./t NA
35 - 46% Mn	11218	Mica (crude)	Rs./kg NA
Above 46% Mn	16343	Mica (waste & Scrap)	Rs./kg NA
Corundum (ruby)	Rs./kg NA	Pyrophyllite	Rs./t NA
Fireclay	Rs./t NA	Quartz	Rs./t 201
Garnet (abrasive)	Rs./t 3505	Quartzite	Rs./t 100
Graphite (r.o.m.)	Rs./t	Silica Sand	Rs./t 217
Upto 40% fixed carbon (U)	375	Steatite	Rs./t
40 - 80% fixed carbon (U)	NA	Insecticide (Filler) grade	198
Kaolin (natural)	Rs./t NA	Other than insecticide (Filler) grade	742
Kaolin (processed)	Rs./t 805	Selenite	Rs./t 850
Sillimanite	Rs./t 12000	Vermiculite	Rs./t NA
Pyrophyllite	Rs./t NA	Wollastonite	Rs./t 845
Pyroxenite	Rs./t 489	Tamil Nadu	
Quartz	Rs./t NA	Ball Clay	Rs./t 224
Quartzite	Rs./t NA	Dunite	Rs./t NA
Silica Sand	Rs./t NA	Felspar	Rs./t 330
Steatite	Rs./t	Fireclay	Rs./t 128
Insecticide (Filler) grade	NA	Garnet (abrasive)	Rs./t 560
Other than insecticide (Filler) grade	NA	Graphite (r.o.m.)	Rs./t
Rajasthan		Upto 40% fixed carbon (U)	426
Iron Ore (total)	Rs./t	Magnesite	Rs./t 1659
Lumps		Marl	Rs./t NA
Below 60% Fe	NA	Quartz	Rs./t 1397
Manganese Ore	Rs./t	Silica Sand	Rs./t 330
25 - 35% Mn	1500	Steatite	Rs./t
Phosphorite	Rs./t	Insecticide (Filler) grade	200
Up to 25% P2O5	251	Vermiculite	Rs./t 2680
25 - 30% P2O5	NA		

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Uttar Pradesh		
Diaspore	Rs./t	1051
Pyrophyllite	Rs./t	338
Silica Sand	Rs./t	528
Uttaranchal		
Magnesite	Rs./t	510
Steatite	Rs./t	
Insecticide (Filler) grade		203
Other than insecticide (Filler) grade		944
West Bengal		
Apatite	Rs./t	1753
Clay (others)	Rs./t	NA
Felspar	Rs./t	400
Fireclay	Rs./t	78
Kaolin (natural)	Rs./t	388
Kaolin (processed)	Rs./t	1100
Quartz	Rs./t	200

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