

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

State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
<b>India</b>		<b>Fluorite (graded)</b>	Rs./t
<b>Bauxite</b>	Rs./t	Up to 30% CaF2	NA
Non-Metallurgical		30-70% CaF2	4285
Cement	187	70-85% CaF2	8983
Abrasive	NA	Above 85% CaF2	NA
Refractory	340	<b>Garnet (abrasive)</b>	Rs./t 566
Others (U)	300	<b>Garnet (gem)</b>	Rs./kg NA
<b>Chromite</b>	Rs./t	<b>Graphite (r.o.m.)</b>	Rs./t
Lumps		Upto 40% fixed carbon (U)	407
Up to 40% Cr2O3	3701	40 - 80% fixed carbon (U)	NA
40 - 52% Cr2O3	3018	80% & above fixed carbon (U)	NA
Above 52% Cr2O3	NA	<b>Gypsum</b>	Rs./t 300
Fines		<b>Jasper</b>	Rs./t NR
Up to 40% Cr2O3	3333	<b>Kaolin (natural)</b>	Rs./t 240
40 - 52% Cr2O3	3333	<b>Kaolin (processed)</b>	Rs./t 1628
Above 52% Cr2O3	3333	<b>Kyanite</b>	Rs./t
Concentrates	9956	Up to 40% Al2O3	1186
<b>Iron Ore (total)</b>	Rs./t	Above 40% Al2O3	900
Lumps		<b>Sillimanite</b>	Rs./t 10829
Below 60% Fe	764	<b>Laterite</b>	Rs./t
60 - 62% Fe	1216	Non-Metallurgical	
62 - 65% Fe	2049	Cement	80
65% Fe & above	3719	Abrasive	NA
Fines		Chemical	NA
Below 62% Fe	1468	Refractory	NA
62 - 65% Fe	1504	Others	NA
65% Fe & above	3163	<b>Magnesite</b>	Rs./t 1810
Concentrates	981	<b>Marl</b>	Rs./t NA
<b>Manganese Ore</b>	Rs./t	<b>Mica (crude)</b>	Rs./kg 32
MnO2	24657	<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA
Up to 25% Mn	2167	<b>Perlite</b>	Rs./t NA
25 - 35% Mn	3335	<b>Pyrites</b>	Rs./t NA
35 - 46% Mn	9066	<b>Pyrophyllite</b>	Rs./t 233
Above 46% Mn	11294	<b>Pyroxenite</b>	Rs./t 546
<b>Agate</b>	Rs./t NA	<b>Quartz</b>	Rs./t 178
<b>Apatite</b>	Rs./t 2140	<b>Quartzite</b>	Rs./t 298
<b>Phosphorite</b>	Rs./t	<b>Silica Sand</b>	Rs./t 126
Up to 25% P2O5	297	<b>Sand (others)</b>	Rs./t NA
25 - 30% P2O5	1046	<b>Salt (rock)</b>	Rs./t 2855
Above 30% P2O5	4753	<b>Shale</b>	Rs./t 50
<b>Asbestos</b>	Rs./t	<b>Steatite</b>	Rs./t
Ambibole	NR	Insecticide (Filler) grade	212
<b>Ball Clay</b>	Rs./t 181	Other than insecticide (Filler) grade	796
<b>Barytes</b>	Rs./t	<b>Selenite</b>	Rs./t 815
White	503	<b>Vermiculite</b>	Rs./t 754
Off Colour	1106	<b>Wollastonite</b>	Rs./t 805
<b>Calcite</b>	Rs./t 368	<b>Aluminium (lme Price)*</b>	\$/mt 2118
<b>Chalk</b>	Rs./t 410	<b>Copper (lme Price)*</b>	\$/mt 7284
<b>Clay (others)</b>	Rs./t 107	<b>Lead (lme Price)*</b>	\$/mt 2075
<b>Corundum</b>	Rs./kg NA	<b>Nickel (lme Price)*</b>	\$/mt 21413
<b>Corundum (ruby)</b>	Rs./kg NA	<b>Tin (lme Price)*</b>	\$/mt 20755
<b>Diamond</b>	Rs./crt 8246	<b>Zinc (lme Price)*</b>	\$/mt 2045
<b>Diaspore</b>	Rs./t 1189	<b>Silver (lme Price)*</b>	c/tr oz 1839
<b>Dunite</b>	Rs./t 245	<b>Gold (lme Price)*</b>	\$/tr oz 1217
<b>Felspar</b>	Rs./t 201	<b>Andhra Pradesh</b>	
<b>Fireclay</b>	Rs./t 187	<b>Iron Ore (total)</b>	Rs./t
<b>Felsite</b>	Rs./t 1664		

NA : Not Available      lme: London Metal Exchange      t : Tonne      mt : Metric Tonne  
(U) : Under Reference      lbm: London Bullion Market      c : Cents      \$ : Dollor      tr oz : Troy Ounce

\* : Average Value for August 2010, Source - MINERALS & METALS REVIEW, September 2010. Daily average prices has been taken for Gold & Silver. Data of Mn Ore for "Below 25% Mn" grade in Gujarat is under reference.

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State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
Lumps		62 - 65% Fe	3120
Below 60% Fe	364	65% Fe & above	4979
60 - 62% Fe	NA	Fines	
62 - 65% Fe	NA	Below 62% Fe	3001
Fines		62 - 65% Fe	3324
Below 62% Fe	134	65% Fe & above	3588
62 - 65% Fe	NA	<b>Clay (others)</b>	Rs./t NA
<b>Manganese Ore</b>	Rs./t	<b>Quartz</b>	Rs./t NR
MnO2	NA	<b>Steatite</b>	Rs./t
Up to 25% Mn	2858	Insecticide (Filler) grade	NA
25 - 35% Mn	2858	<b>Goa</b>	
35 - 46% Mn	2858	<b>Bauxite</b>	Rs./t
Above 46% Mn	NA	Non-Metallurgical	
<b>Apatite</b>	Rs./t 2140	Cement	NA
<b>Asbestos</b>	Rs./t	<b>Iron Ore (total)</b>	Rs./t
Ambhibole	NR	Lumps	
<b>Ball Clay</b>	Rs./t 148	Below 60% Fe	873
<b>Barytes</b>	Rs./t	60 - 62% Fe	1571
White	NA	62 - 65% Fe	NA
Off Colour	1107	Fines	
<b>Clay (others)</b>	Rs./t 93	Below 62% Fe	2132
<b>Felspar</b>	Rs./t 263	62 - 65% Fe	3809
<b>Fireclay</b>	Rs./t 203	65% Fe & above	NA
<b>Garnet (abrasive)</b>	Rs./t 110	Concentrates	981
<b>Kaolin (natural)</b>	Rs./t 179	<b>Manganese Ore</b>	Rs./t
<b>Laterite</b>	Rs./t	MnO2	NA
Non-Metallurgical		Up to 25% Mn	NA
Cement	34	25 - 35% Mn	NA
Chemical	NA	35 - 46% Mn	NA
<b>Mica (crude)</b>	Rs./kg 32	Above 46% Mn	NA
<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA	<b>Laterite</b>	Rs./t
<b>Pyrophyllite</b>	Rs./t NA	Non-Metallurgical	
<b>Quartz</b>	Rs./t 168	Cement	NA
<b>Quartzite</b>	Rs./t 150	<b>Gujarat</b>	
<b>Silica Sand</b>	Rs./t 59	<b>Bauxite</b>	Rs./t
<b>Sand (others)</b>	Rs./t NA	Non-Metallurgical	
<b>Shale</b>	Rs./t 50	Cement	138
<b>Steatite</b>	Rs./t	Abrasive	NA
Insecticide (Filler) grade	168	Refractory	340
Other than insecticide (Filler) grade	577	Others (U)	362
<b>Vermiculite</b>	Rs./t 443	<b>Manganese Ore</b>	Rs./t
<b>Bihar</b>		Up to 25% Mn	492
<b>Mica (crude)</b>	Rs./kg NA	25 - 35% Mn	NA
<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA	<b>Agate</b>	Rs./t NA
<b>Pyrites</b>	Rs./t NA	<b>Ball Clay</b>	Rs./t 100
<b>Quartzite</b>	Rs./t 330	<b>Chalk</b>	Rs./t 410
<b>Steatite</b>	Rs./t	<b>Clay (others)</b>	Rs./t NA
Insecticide (Filler) grade	200	<b>Fireclay</b>	Rs./t 70
<b>Chhattisgarh</b>		<b>Fluorite (graded)</b>	Rs./t
<b>Bauxite</b>	Rs./t	Up to 30% CaF2	NA
Non-Metallurgical		<b>Gypsum</b>	Rs./t NA
Abrasive	NA	<b>Kaolin (natural)</b>	Rs./t 175
Refractory	NA	<b>Kaolin (processed)</b>	Rs./t 1316
<b>Iron Ore (total)</b>	Rs./t	<b>Laterite</b>	Rs./t
Lumps		Non-Metallurgical	
Below 60% Fe	NA	Cement	NA
60 - 62% Fe	NA	Abrasive	NA

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Chemical	NA	Non-Metallurgical	
Others	NA	Cement	NR
<b>Marl</b>	Rs./t	<b>Chromite</b>	Rs./t
<b>Perlite</b>	Rs./t	Lumps	
<b>Quartz</b>	Rs./t	Up to 40% Cr2O3	4856
<b>Silica Sand</b>	Rs./t	40 - 52% Cr2O3	NA
<b>Steatite</b>	Rs./t	Fines	
Insecticide (Filler) grade	122	Up to 40% Cr2O3	NA
<b>Himachal Pradesh</b>		40 - 52% Cr2O3	NA
<b>Barytes</b>	Rs./t	Concentrates	NA
White	NA	<b>Iron Ore (total)</b>	Rs./t
Off Colour	NA	Lumps	
<b>Salt (rock)</b>	Rs./t	Below 60% Fe	955
<b>Shale</b>	Rs./t	60 - 62% Fe	1216
<b>Jammu &amp; Kashmir</b>		62 - 65% Fe	1643
<b>Gypsum</b>	Rs./t	65% Fe & above	1868
<b>Jharkhand</b>		Fines	
<b>Bauxite</b>	Rs./t	Below 62% Fe	1367
Non-Metallurgical		62 - 65% Fe	1367
Cement	NA	65% Fe & above	3074
<b>Iron Ore (total)</b>	Rs./t	<b>Manganese Ore</b>	Rs./t
Lumps		MnO2	NA
Below 60% Fe	1677	Up to 25% Mn	1891
60 - 62% Fe	1677	25 - 35% Mn	1927
62 - 65% Fe	1913	35 - 46% Mn	2107
65% Fe & above	NA	Above 46% Mn	NA
Fines		<b>Clay (others)</b>	Rs./t
Below 62% Fe	1409	<b>Dunite</b>	Rs./t
62 - 65% Fe	1409	<b>Felspar</b>	Rs./t
65% Fe & above	1616	<b>Fireclay</b>	Rs./t
<b>Manganese Ore</b>	Rs./t	<b>Felsite</b>	Rs./t
MnO2	15000	<b>Kaolin (natural)</b>	Rs./t
Up to 25% Mn	1500	<b>Kaolin (processed)</b>	Rs./t
25 - 35% Mn	1615	<b>Kyanite</b>	Rs./t
35 - 46% Mn	5500	Up to 40% Al2O3	NA
Above 46% Mn	NA	Above 40% Al2O3	NA
<b>Felspar</b>	Rs./t	<b>Laterite</b>	Rs./t
<b>Fireclay</b>	Rs./t	Non-Metallurgical	
<b>Graphite (r.o.m.)</b>	Rs./t	Cement	NA
Upto 40% fixed carbon (U)	369	Chemical	NA
<b>Kaolin (natural)</b>	Rs./t	Refractory	NA
<b>Kaolin (processed)</b>	Rs./t	<b>Magnesite</b>	Rs./t
<b>Kyanite</b>	Rs./t	<b>Quartz</b>	Rs./t
Up to 40% Al2O3	1186	<b>Quartzite</b>	Rs./t
Above 40% Al2O3	NA	<b>Silica Sand</b>	Rs./t
<b>Laterite</b>	Rs./t	<b>Shale</b>	Rs./t
Non-Metallurgical		<b>Steatite</b>	Rs./t
Cement	143	Insecticide (Filler) grade	NA
<b>Mica (crude)</b>	Rs./kg	<b>Kerala</b>	
<b>Mica (waste &amp; Scrap)</b>	Rs./kg	<b>Kaolin (natural)</b>	Rs./t
<b>Pyrophyllite</b>	Rs./t	<b>Kaolin (processed)</b>	Rs./t
<b>Pyroxenite</b>	Rs./t	<b>Sillimanite</b>	Rs./t
<b>Quartz</b>	Rs./t	<b>Laterite</b>	Rs./t
<b>Quartzite</b>	Rs./t	Non-Metallurgical	
<b>Silica Sand</b>	Rs./t	Cement	321
<b>Karnataka</b>		Chemical	NA
<b>Bauxite</b>	Rs./t	Others	NA
		<b>Silica Sand</b>	Rs./t
			396

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<b>Madhya Pradesh</b>		<b>Corundum</b>	Rs./kg NA
<b>Bauxite</b>	Rs./t	<b>Fireclay</b>	Rs./t 95
Non-Metallurgical		<b>Fluorite (graded)</b>	Rs./t
Cement	190	Up to 30% CaF2	NA
<b>Iron Ore (total)</b>	Rs./t	30-70% CaF2	4382
Lumps		70-85% CaF2	9106
Below 60% Fe	810	Above 85% CaF2	NA
60 - 62% Fe	810	<b>Kyanite</b>	Rs./t
Fines		Up to 40% Al2O3	NA
Below 62% Fe	365	Above 40% Al2O3	900
<b>Manganese Ore</b>	Rs./t	<b>Sillimanite</b>	Rs./t 962
MnO2	NA	<b>Laterite</b>	Rs./t
Up to 25% Mn	3032	Non-Metallurgical	
25 - 35% Mn	3737	Cement	NA
35 - 46% Mn	8818	Chemical	NA
Above 46% Mn	11165	<b>Pyrophyllite</b>	Rs./t NA
<b>Phosphorite</b>	Rs./t	<b>Quartz</b>	Rs./t 217
Up to 25% P2O5	539	<b>Quartzite</b>	Rs./t 250
25 - 30% P2O5	1046	<b>Silica Sand</b>	Rs./t 250
Above 30% P2O5	NA	<b>Sand (others)</b>	Rs./t NA
<b>Calcite</b>	Rs./t NR	<b>Shale</b>	Rs./t NA
<b>Clay (others)</b>	Rs./t NA	<b>Meghalaya</b>	
<b>Diamond</b>	Rs./crt 8246	<b>Shale</b>	Rs./t NA
<b>Diaspore</b>	Rs./t 431	<b>Orissa</b>	
<b>Fireclay</b>	Rs./t 115	<b>Chromite</b>	Rs./t
<b>Kaolin (natural)</b>	Rs./t NA	Lumps	
<b>Laterite</b>	Rs./t	Up to 40% Cr2O3	3018
Non-Metallurgical		40 - 52% Cr2O3	3018
Cement	91	Above 52% Cr2O3	NA
<b>Pyrophyllite</b>	Rs./t 248	Fines	
<b>Quartz</b>	Rs./t 80	Up to 40% Cr2O3	3333
<b>Shale</b>	Rs./t NA	40 - 52% Cr2O3	3333
<b>Steatite</b>	Rs./t	Above 52% Cr2O3	3333
Insecticide (Filler) grade	NA	Concentrates	9956
<b>Vermiculite</b>	Rs./t NA	<b>Iron Ore (total)</b>	Rs./t
<b>Maharashtra</b>		Lumps	
<b>Bauxite</b>	Rs./t	Below 60% Fe	424
Non-Metallurgical		60 - 62% Fe	1269
Cement	NA	62 - 65% Fe	2369
Others (U)	219	65% Fe & above	2661
<b>Chromite</b>	Rs./t	Fines	
Lumps		Below 62% Fe	647
Up to 40% Cr2O3	NA	62 - 65% Fe	1244
40 - 52% Cr2O3	NA	65% Fe & above	1244
<b>Iron Ore (total)</b>	Rs./t	<b>Manganese Ore</b>	Rs./t
Below 60% Fe	736	MnO2	25400
60 - 62% Fe	NA	Up to 25% Mn	4468
62 - 65% Fe	NA	25 - 35% Mn	6907
Fines		35 - 46% Mn	11519
Below 62% Fe	674	Above 46% Mn	18459
62 - 65% Fe	NA	<b>Corundum (ruby)</b>	Rs./kg NA
<b>Manganese Ore</b>	Rs./t	<b>Fireclay</b>	Rs./t NA
MnO2	NA	<b>Garnet (abrasive)</b>	Rs./t 3507
Up to 25% Mn	1080	<b>Graphite (r.o.m.)</b>	Rs./t
25 - 35% Mn	4499	Upto 40% fixed carbon (U)	370
35 - 46% Mn	9090	40 - 80% fixed carbon (U)	NA
Above 46% Mn	11595	<b>Kaolin (natural)</b>	Rs./t NA
<b>Clay (others)</b>	Rs./t NA		

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<b>Kaolin (processed)</b>	Rs./t 805	<b>Tamil Nadu</b>	
<b>Sillimanite</b>	Rs./t 12000	<b>Ball Clay</b>	Rs./t NA
<b>Pyrophyllite</b>	Rs./t NA	<b>Dunite</b>	Rs./t NA
<b>Pyroxenite</b>	Rs./t 588	<b>Felspar</b>	Rs./t 677
<b>Quartz</b>	Rs./t NA	<b>Fireclay</b>	Rs./t 189
<b>Quartzite</b>	Rs./t 200	<b>Garnet (abrasive)</b>	Rs./t 582
<b>Silica Sand</b>	Rs./t NA	<b>Graphite (r.o.m.)</b>	Rs./t
<b>Steatite</b>	Rs./t	Upto 40% fixed carbon (U)	466
Insecticide (Filler) grade	NA	<b>Magnesite</b>	Rs./t 1865
Other than insecticide (Filler) grade	NA	<b>Marl</b>	Rs./t NA
<b>Rajasthan</b>		<b>Quartz</b>	Rs./t 1226
<b>Iron Ore (total)</b>	Rs./t	<b>Silica Sand</b>	Rs./t 906
Lumps		<b>Steatite</b>	Rs./t
Below 60% Fe	NA	Insecticide (Filler) grade	200
<b>Manganese Ore</b>	Rs./t	<b>Vermiculite</b>	Rs./t 2680
25 - 35% Mn	1500	<b>Uttar Pradesh</b>	
<b>Phosphorite</b>	Rs./t	<b>Diaspore</b>	Rs./t 1365
Up to 25% P2O5	251	<b>Pyrophyllite</b>	Rs./t 231
25 - 30% P2O5	NA	<b>Silica Sand</b>	Rs./t 181
Above 30% P2O5	4753	<b>Uttaranchal</b>	
<b>Ball Clay</b>	Rs./t 200	<b>Magnesite</b>	Rs./t 1316
<b>Barytes</b>	Rs./t	<b>Steatite</b>	Rs./t
White	503	Insecticide (Filler) grade	192
Off Colour	377	Other than insecticide (Filler) grade	783
<b>Calcite</b>	Rs./t 368	<b>West Bengal</b>	
<b>Clay (others)</b>	Rs./t 145	<b>Apatite</b>	Rs./t NA
<b>Felspar</b>	Rs./t 146	<b>Clay (others)</b>	Rs./t NA
<b>Fireclay</b>	Rs./t 202	<b>Felspar</b>	Rs./t 731
<b>Fluorite (graded)</b>	Rs./t	<b>Fireclay</b>	Rs./t 87
Up to 30% CaF2	NA	<b>Kaolin (natural)</b>	Rs./t 418
30-70% CaF2	3714	<b>Kaolin (processed)</b>	Rs./t 1100
70-85% CaF2	6570	<b>Quartz</b>	Rs./t 212
Above 85% CaF2	NA		
<b>Garnet (gem)</b>	Rs./kg NA		
<b>Gypsum</b>	Rs./t 300		
<b>Jasper</b>	Rs./t NR		
<b>Kaolin (natural)</b>	Rs./t 259		
<b>Kyanite</b>	Rs./t		
Up to 40% Al2O3	NA		
<b>Sillimanite</b>	Rs./t NA		
<b>Laterite</b>	Rs./t		
Non-Metallurgical			
Chemical	NA		
<b>Magnesite</b>	Rs./t NA		
<b>Mica (crude)</b>	Rs./kg NA		
<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA		
<b>Pyrophyllite</b>	Rs./t NA		
<b>Quartz</b>	Rs./t 140		
<b>Quartzite</b>	Rs./t 100		
<b>Silica Sand</b>	Rs./t 326		
<b>Steatite</b>	Rs./t		
Insecticide (Filler) grade	239		
Other than insecticide (Filler) grade	823		
<b>Selenite</b>	Rs./t 815		
<b>Vermiculite</b>	Rs./t NA		
<b>Wollastonite</b>	Rs./t 805		

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