

**Extract from Monthly Statistics of Mineral Production November 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 : November 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% CaF <sub>2</sub>	NA
Non-Metallurgical		30-70% CaF <sub>2</sub>	4382
Cement	147	70-85% CaF <sub>2</sub>	9106
Abrasive	243	Above 85% CaF <sub>2</sub>	NA
Refractory	330	<b>Garnet (abrasive)</b>	Rs./t 603
Others (U)	205	<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)	420
Up to 40% Cr <sub>2</sub> O <sub>3</sub>	3663	40 - 80% fixed carbon (U)	NA
40 - 52% Cr <sub>2</sub> O <sub>3</sub>	3601	80% & above fixed carbon (U)	NA
Above 52% Cr <sub>2</sub> O <sub>3</sub>	NA	<b>Gypsum</b>	Rs./t 300
Fines		<b>Jasper</b>	Rs./t NR
Up to 40% Cr <sub>2</sub> O <sub>3</sub>	3305	<b>Kaolin (natural)</b>	Rs./t 200
40 - 52% Cr <sub>2</sub> O <sub>3</sub>	7368	<b>Kaolin (processed)</b>	Rs./t 1516
Above 52% Cr <sub>2</sub> O <sub>3</sub>	10126	<b>Kyanite</b>	Rs./t
Concentrates	7902	Up to 40% Al <sub>2</sub> O <sub>3</sub>	1186
<b>Iron Ore (total)</b>	Rs./t	Above 40% Al <sub>2</sub> O <sub>3</sub>	900
Lumps		<b>Sillimanite</b>	Rs./t 8129
Below 60% Fe	1203	<b>Laterite</b>	Rs./t
60 - 62% Fe	1559	Non-Metallurgical	
62 - 65% Fe	3072	Cement	118
65% Fe & above	3835	Abrasive	NA
Fines		Chemical	NA
Below 62% Fe	1792	Refractory	NA
62 - 65% Fe	1792	Others	NA
65% Fe & above	2705	<b>Magnesite</b>	Rs./t 1734
Concentrates	692	<b>Marl</b>	Rs./t NA
<b>Manganese Ore</b>	Rs./t	<b>Mica (crude)</b>	Rs./kg 32
MnO <sub>2</sub>	21569	<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA
Up to 25% Mn	2269	<b>Perlite</b>	Rs./t NA
25 - 35% Mn	3651	<b>Pyrites</b>	Rs./t NA
35 - 46% Mn	9294	<b>Pyrophyllite</b>	Rs./t 197
Above 46% Mn	11370	<b>Pyroxenite</b>	Rs./t 617
<b>Agate</b>	Rs./t NA	<b>Quartz</b>	Rs./t 174
<b>Apatite</b>	Rs./t 2110	<b>Quartzite</b>	Rs./t 305
<b>Phosphorite</b>	Rs./t	<b>Silica Sand</b>	Rs./t 133
Up to 25% P <sub>2</sub> O <sub>5</sub>	282	<b>Sand (others)</b>	Rs./t NA
25 - 30% P <sub>2</sub> O <sub>5</sub>	1063	<b>Salt (rock)</b>	Rs./t 2800
Above 30% P <sub>2</sub> O <sub>5</sub>	4753	<b>Shale</b>	Rs./t 53
<b>Asbestos</b>	Rs./t	<b>Steatite</b>	Rs./t
Ambibole	NR	Insecticide (Filler) grade	337
<b>Ball Clay</b>	Rs./t 148	Other than insecticide (Filler) grade	864
<b>Barytes</b>	Rs./t	<b>Selenite</b>	Rs./t 718
White	519	<b>Vermiculite</b>	Rs./t 698
Off Colour	1169	<b>Wollastonite</b>	Rs./t 806
<b>Calcite</b>	Rs./t 317	<b>Aluminium (lme Price)*</b>	\$/mt 2333
<b>Chalk</b>	Rs./t 355	<b>Copper (lme Price)*</b>	\$/mt 8470
<b>Clay (others)</b>	Rs./t 100	<b>Lead (lme Price)*</b>	\$/mt 2377
<b>Corundum</b>	Rs./kg NA	<b>Nickel (lme Price)*</b>	\$/mt 22909
<b>Corundum (ruby)</b>	Rs./kg NA	<b>Tin (lme Price)*</b>	\$/mt 25519
<b>Diamond</b>	Rs./crt 3250	<b>Zinc (lme Price)*</b>	\$/mt 2292
<b>Diaspore</b>	Rs./t 996	<b>Silver (lme Price)*</b>	c/tr oz 2654
<b>Dunite</b>	Rs./t NA	<b>Gold (lme Price)*</b>	\$/tr oz 1370
<b>Felspar</b>	Rs./t 223	<b>Andhra Pradesh</b>	
<b>Fireclay</b>	Rs./t 172	<b>Iron Ore (total)</b>	Rs./t
<b>Felsite</b>	Rs./t 1726		

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

\* : Aaverage Value for November 2010, Source - MINERALS & METALS REVIEW, December 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	3033
Below 60% Fe	347	65% Fe & above	4823
60 - 62% Fe	NA	Fines	
62 - 65% Fe	NA	Below 62% Fe	2881
Fines		62 - 65% Fe	3157
Below 62% Fe	241	65% Fe & above	3507
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	2891	Insecticide (Filler) grade	NA
25 - 35% Mn	2891	<b>Goa</b>	
35 - 46% Mn	2891	<b>Bauxite</b>	Rs./t
Above 46% Mn	NA	Non-Metallurgical	
<b>Apatite</b>	Rs./t 2110	Cement	100
<b>Asbestos</b>	Rs./t	<b>Iron Ore (total)</b>	Rs./t
Ambhibole	NR	Lumps	
<b>Ball Clay</b>	Rs./t 155	Below 60% Fe	1415
<b>Barytes</b>	Rs./t	60 - 62% Fe	2439
White	NA	62 - 65% Fe	3416
Off Colour	1170	Fines	
<b>Clay (others)</b>	Rs./t 88	Below 62% Fe	2089
<b>Felspar</b>	Rs./t 285	62 - 65% Fe	3639
<b>Fireclay</b>	Rs./t 225	65% Fe & above	NA
<b>Garnet (abrasive)</b>	Rs./t 110	Concentrates	692
<b>Kaolin (natural)</b>	Rs./t 159	<b>Manganese Ore</b>	Rs./t
<b>Laterite</b>	Rs./t	MnO2	NA
Non-Metallurgical		Up to 25% Mn	NA
Cement	37	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 155	Cement	NA
<b>Quartzite</b>	Rs./t 150	<b>Gujarat</b>	
<b>Silica Sand</b>	Rs./t 55	<b>Bauxite</b>	Rs./t
<b>Sand (others)</b>	Rs./t NA	Non-Metallurgical	
<b>Shale</b>	Rs./t 53	Cement	183
<b>Steatite</b>	Rs./t	Abrasive	295
Insecticide (Filler) grade	221	Refractory	330
Other than insecticide (Filler) grade	690	Others (U)	314
<b>Vermiculite</b>	Rs./t 425	<b>Manganese Ore</b>	Rs./t
<b>Bihar</b>		Up to 25% Mn	590
<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 69
<b>Quartzite</b>	Rs./t 332	<b>Chalk</b>	Rs./t 355
<b>Steatite</b>	Rs./t	<b>Clay (others)</b>	Rs./t NA
Insecticide (Filler) grade	200	<b>Fireclay</b>	Rs./t 69
<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	221	<b>Kaolin (natural)</b>	Rs./t 131
Refractory	NA	<b>Kaolin (processed)</b>	Rs./t 952
<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	4051
<b>Silica Sand</b>	Rs./t	40 - 52% Cr2O3	NA
<b>Steatite</b>	Rs./t	Fines	
Insecticide (Filler) grade	125	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	1247
<b>Shale</b>	Rs./t	60 - 62% Fe	1361
<b>Jammu &amp; Kashmir</b>		62 - 65% Fe	2425
<b>Gypsum</b>	Rs./t	65% Fe & above	3273
<b>Jharkhand</b>		Fines	
<b>Bauxite</b>	Rs./t	Below 62% Fe	1280
Non-Metallurgical		62 - 65% Fe	2083
Cement	NA	65% Fe & above	3247
<b>Iron Ore (total)</b>	Rs./t	<b>Manganese Ore</b>	Rs./t
Lumps		MnO2	NA
Below 60% Fe	1282	Up to 25% Mn	1393
60 - 62% Fe	1499	25 - 35% Mn	1882
62 - 65% Fe	1616	35 - 46% Mn	2107
65% Fe & above	NA	Above 46% Mn	NA
Fines		<b>Clay (others)</b>	Rs./t
Below 62% Fe	902	<b>Dunite</b>	Rs./t
62 - 65% Fe	1097	<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	16500	<b>Kaolin (natural)</b>	Rs./t
Up to 25% Mn	NA	<b>Kaolin (processed)</b>	Rs./t
25 - 35% Mn	1975	<b>Kyanite</b>	Rs./t
35 - 46% Mn	7700	Up to 40% Al2O3	NA
Above 46% Mn	7700	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	135
Upto 40% fixed carbon (U)	312	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	NA	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	320
<b>Karnataka</b>		Chemical	NA
<b>Bauxite</b>	Rs./t	Others	NA
		<b>Silica Sand</b>	Rs./t
			671

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<b>Madhya Pradesh</b>		<b>Corundum</b>	Rs./kg NA
<b>Bauxite</b>	Rs./t	<b>Fireclay</b>	Rs./t NA
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	774	Above 85% CaF2	NA
60 - 62% Fe	NA	<b>Kyanite</b>	Rs./t
Fines		Up to 40% Al2O3	NA
Below 62% Fe	459	Above 40% Al2O3	900
<b>Manganese Ore</b>	Rs./t	<b>Sillimanite</b>	Rs./t 948
MnO2	NA	<b>Laterite</b>	Rs./t
Up to 25% Mn	3371	Non-Metallurgical	
25 - 35% Mn	4401	Cement	NA
35 - 46% Mn	8725	Chemical	NA
Above 46% Mn	11111	<b>Pyrophyllite</b>	Rs./t 301
<b>Phosphorite</b>	Rs./t	<b>Quartz</b>	Rs./t 235
Up to 25% P2O5	414	<b>Quartzite</b>	Rs./t 250
25 - 30% P2O5	1063	<b>Silica Sand</b>	Rs./t 300
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 3250	<b>Shale</b>	Rs./t NA
<b>Diaspore</b>	Rs./t 515	<b>Orissa</b>	
<b>Fireclay</b>	Rs./t 97	<b>Chromite</b>	Rs./t
<b>Kaolin (natural)</b>	Rs./t NA	Lumps	
<b>Laterite</b>	Rs./t	Up to 40% Cr2O3	3601
Non-Metallurgical		40 - 52% Cr2O3	3601
Cement	70	Above 52% Cr2O3	NA
<b>Pyrophyllite</b>	Rs./t 224	Fines	
<b>Quartz</b>	Rs./t 80	Up to 40% Cr2O3	3305
<b>Shale</b>	Rs./t NA	40 - 52% Cr2O3	7368
<b>Steatite</b>	Rs./t	Above 52% Cr2O3	10126
Insecticide (Filler) grade	NA	Concentrates	7902
<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	592
Non-Metallurgical		60 - 62% Fe	1526
Cement	NA	62 - 65% Fe	3317
Others (U)	184	65% Fe & above	3317
<b>Chromite</b>	Rs./t	Fines	
Lumps		Below 62% Fe	1797
Up to 40% Cr2O3	NA	62 - 65% Fe	1797
40 - 52% Cr2O3	NA	65% Fe & above	1797
<b>Iron Ore (total)</b>	Rs./t	<b>Manganese Ore</b>	Rs./t
Below 60% Fe	703	MnO2	24760
60 - 62% Fe	NA	Up to 25% Mn	3267
62 - 65% Fe	NA	25 - 35% Mn	4657
Fines		35 - 46% Mn	10438
Below 62% Fe	698	Above 46% Mn	18728
62 - 65% Fe	NA	<b>Corundum (ruby)</b>	Rs./kg NA
<b>Manganese Ore</b>	Rs./t	<b>Fireclay</b>	Rs./t NA
MnO2	18653	<b>Garnet (abrasive)</b>	Rs./t 3614
Up to 25% Mn	600	<b>Graphite (r.o.m.)</b>	Rs./t
25 - 35% Mn	4536	Upto 40% fixed carbon (U)	370
35 - 46% Mn	9189	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 9653	<b>Ball Clay</b>	Rs./t NA
<b>Pyrophyllite</b>	Rs./t NA	<b>Dunite</b>	Rs./t NA
<b>Pyroxenite</b>	Rs./t 703	<b>Felspar</b>	Rs./t 317
<b>Quartz</b>	Rs./t NA	<b>Fireclay</b>	Rs./t NA
<b>Quartzite</b>	Rs./t 200	<b>Garnet (abrasive)</b>	Rs./t 589
<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)	500
Insecticide (Filler) grade	NA	<b>Magnesite</b>	Rs./t 1886
Other than insecticide (Filler) grade	NA	<b>Marl</b>	Rs./t NA
<b>Rajasthan</b>		<b>Quartz</b>	Rs./t 1239
<b>Iron Ore (total)</b>	Rs./t	<b>Silica Sand</b>	Rs./t 673
Lumps		<b>Steatite</b>	Rs./t
Below 60% Fe	NA	Insecticide (Filler) grade	NA
<b>Manganese Ore</b>	Rs./t	<b>Vermiculite</b>	Rs./t 2505
25 - 35% Mn	1500	<b>Uttar Pradesh</b>	
<b>Phosphorite</b>	Rs./t	<b>Diaspore</b>	Rs./t 1328
Up to 25% P2O5	251	<b>Pyrophyllite</b>	Rs./t 204
25 - 30% P2O5	NA	<b>Silica Sand</b>	Rs./t 179
Above 30% P2O5	4753	<b>Uttaranchal</b>	
<b>Ball Clay</b>	Rs./t 147	<b>Magnesite</b>	Rs./t 1189
<b>Barytes</b>	Rs./t	<b>Steatite</b>	Rs./t
White	519	Insecticide (Filler) grade	1210
Off Colour	390	Other than insecticide (Filler) grade	1210
<b>Calcite</b>	Rs./t 317	<b>West Bengal</b>	
<b>Clay (others)</b>	Rs./t 145	<b>Apatite</b>	Rs./t NA
<b>Felspar</b>	Rs./t 156	<b>Clay (others)</b>	Rs./t NA
<b>Fireclay</b>	Rs./t 190	<b>Felspar</b>	Rs./t NA
<b>Fluorite (graded)</b>	Rs./t	<b>Fireclay</b>	Rs./t 105
Up to 30% CaF2	NA	<b>Kaolin (natural)</b>	Rs./t 388
30-70% CaF2	NA	<b>Kaolin (processed)</b>	Rs./t 1100
70-85% CaF2	NA	<b>Quartz</b>	Rs./t 216
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 231		
<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 214		
<b>Quartzite</b>	Rs./t 120		
<b>Silica Sand</b>	Rs./t 333		
<b>Steatite</b>	Rs./t		
Insecticide (Filler) grade	165		
Other than insecticide (Filler) grade	838		
<b>Selenite</b>	Rs./t 718		
<b>Vermiculite</b>	Rs./t NA		
<b>Wollastonite</b>	Rs./t 806		

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