

**Extract from Monthly Statistics of Mineral Production January 2011 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 : January 2011**

State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
<b>India</b>		Up to 30% CaF2	NA
<b>Bauxite</b>	Rs./t	30-70% CaF2	2350
Non-Metallurgical		70-85% CaF2	NA
Cement	115	Above 85% CaF2	NA
Abrasive	264	<b>Garnet (abrasive)</b>	Rs./t 630
Refractory	309	<b>Garnet (gem)</b>	Rs./kg NA
Others (U)	202	<b>Graphite (r.o.m.)</b>	Rs./t
<b>Chromite</b>	Rs./t	Upto 40% fixed carbon (U)	431
Lumps		40 - 80% fixed carbon (U)	NA
Up to 40% Cr2O3	3332	80% & above fixed carbon (U)	NA
40 - 52% Cr2O3	NA	<b>Gypsum</b>	Rs./t 300
Above 52% Cr2O3	NA	<b>Jasper</b>	Rs./t NR
Fines		<b>Kaolin (natural)</b>	Rs./t 188
Up to 40% Cr2O3	3202	<b>Kaolin (processed)</b>	Rs./t 1712
40 - 52% Cr2O3	9636	<b>Kyanite</b>	Rs./t
Above 52% Cr2O3	NA	Up to 40% Al2O3	1186
Concentrates (U)	11616	Above 40% Al2O3	898
<b>Iron Ore (total)</b>	Rs./t	<b>Sillimanite</b>	Rs./t 11033
Lumps		<b>Laterite</b>	Rs./t
Below 60% Fe	1221	Non-Metallurgical	
60 - 62% Fe	1897	Cement	128
62 - 65% Fe	3337	Abrasive	NA
65% Fe & above	3620	Chemical	NA
Fines		Refractory	NA
Below 62% Fe	1842	Others	NA
62 - 65% Fe	2159	<b>Magnesite</b>	Rs./t 1590
65% Fe & above	3263	<b>Marl</b>	Rs./t NA
Concentrates	933	<b>Mica (crude)</b>	Rs./kg 39
<b>Manganese Ore</b>	Rs./t	<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA
MnO2	20031	<b>Perlite</b>	Rs./t NA
Up to 25% Mn	2403	<b>Pyrites</b>	Rs./t NA
25 - 35% Mn	3374	<b>Pyrophyllite</b>	Rs./t 217
35 - 46% Mn	7412	<b>Pyroxenite</b>	Rs./t 483
Above 46% Mn	11401	<b>Quartz</b>	Rs./t 162
<b>Agate</b>	Rs./t 500	<b>Quartzite</b>	Rs./t 192
<b>Apatite</b>	Rs./t 2072	<b>Silica Sand</b>	Rs./t 124
<b>Phosphorite</b>	Rs./t	<b>Sand (others)</b>	Rs./t NA
Up to 25% P2O5	271	<b>Salt (rock)</b>	Rs./t 2697
25 - 30% P2O5	1113	<b>Shale</b>	Rs./t 58
Above 30% P2O5	4753	<b>Steatite</b>	Rs./t
<b>Asbestos</b>	Rs./t	Insecticide (Filler) grade	253
Ambhibole	NR	Other than insecticide (Filler) grade	847
<b>Ball Clay</b>	Rs./t 203	<b>Selenite</b>	Rs./t 849
<b>Barytes</b>	Rs./t	<b>Vermiculite</b>	Rs./t 534
White	476	<b>Wollastonite</b>	Rs./t 812
Off Colour	1147	<b>Aluminium (lme Price)*</b>	\$/mt 2440
<b>Calcite</b>	Rs./t 317	<b>Copper (lme Price)*</b>	\$/mt 9556
<b>Chalk</b>	Rs./t 374	<b>Lead (lme Price)*</b>	\$/mt 2602
<b>Clay (others)</b>	Rs./t 109	<b>Nickel (lme Price)*</b>	\$/mt 25646
<b>Corundum</b>	Rs./kg NA	<b>Tin (lme Price)*</b>	\$/mt 27465
<b>Corundum (ruby)</b>	Rs./kg NA	<b>Zinc (lme Price)*</b>	\$/mt 2372
<b>Diamond</b>	Rs./crt 16000	<b>Silver (lme Price)*</b>	c/tr oz 2840
<b>Diaspore</b>	Rs./t 965	<b>Gold (lme Price)*</b>	\$/tr oz 1358
<b>Dunite</b>	Rs./t NA	<b>Andhra Pradesh</b>	
<b>Felspar</b>	Rs./t 210	<b>Iron Ore (total)</b>	Rs./t
<b>Fireclay</b>	Rs./t 190	Lumps	
<b>Felsite</b>	Rs./t 1602	Below 60% Fe	324
<b>Fluorite (graded)</b>	Rs./t		

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60 - 62% Fe	NA	Fines	
62 - 65% Fe	NA	Below 62% Fe	2949
Fines		62 - 65% Fe	3193
Below 62% Fe	250	65% Fe & above	3193
62 - 65% Fe	NA	<b>Clay (others)</b>	Rs./t NA
<b>Manganese Ore</b>	Rs./t	<b>Quartz</b>	Rs./t 140
MnO2	NA	<b>Steatite</b>	Rs./t
Up to 25% Mn	1864	Insecticide (Filler) grade	NA
25 - 35% Mn	1577	<b>Goa</b>	
35 - 46% Mn	2125	<b>Bauxite</b>	Rs./t
Above 46% Mn	NA	Non-Metallurgical	
<b>Apatite</b>	Rs./t 2090	Cement	100
<b>Asbestos</b>	Rs./t	<b>Iron Ore (total)</b>	Rs./t
Ambhibole	NR	Lumps	
<b>Ball Clay</b>	Rs./t 153	Below 60% Fe	1640
<b>Barytes</b>	Rs./t	60 - 62% Fe	4829
White	NA	62 - 65% Fe	4829
Off Colour	1148	Fines	
<b>Clay (others)</b>	Rs./t 96	Below 62% Fe	1979
<b>Felspar</b>	Rs./t 261	62 - 65% Fe	3365
<b>Fireclay</b>	Rs./t 175	65% Fe & above	NA
<b>Garnet (abrasive)</b>	Rs./t 110	Concentrates	933
<b>Kaolin (natural)</b>	Rs./t 79	<b>Manganese Ore</b>	Rs./t
<b>Laterite</b>	Rs./t	MnO2	NA
Non-Metallurgical		Up to 25% Mn	2200
Cement	86	25 - 35% Mn	NA
Chemical	NA	35 - 46% Mn	NA
<b>Mica (crude)</b>	Rs./kg 39	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 153	Cement	NA
<b>Quartzite</b>	Rs./t NA	<b>Pyrophyllite</b>	Rs./t NA
<b>Silica Sand</b>	Rs./t 59	<b>Gujarat</b>	
<b>Sand (others)</b>	Rs./t NA	<b>Bauxite</b>	Rs./t
<b>Shale</b>	Rs./t 58	Non-Metallurgical	
<b>Steatite</b>	Rs./t	Cement	178
Insecticide (Filler) grade	230	Abrasive	275
Other than insecticide (Filler) grade	683	Refractory	309
<b>Vermiculite</b>	Rs./t 430	Others (U)	303
<b>Bihar</b>		<b>Manganese Ore</b>	Rs./t
<b>Mica (crude)</b>	Rs./kg NA	Up to 25% Mn	NA
<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA	<b>Agate</b>	Rs./t 500
<b>Pyrites</b>	Rs./t NA	<b>Ball Clay</b>	Rs./t 110
<b>Quartzite</b>	Rs./t 179	<b>Chalk</b>	Rs./t 374
<b>Steatite</b>	Rs./t	<b>Clay (others)</b>	Rs./t NA
Insecticide (Filler) grade	140	<b>Fireclay</b>	Rs./t 65
<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 143
Refractory	NA	<b>Kaolin (processed)</b>	Rs./t 1228
<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
62 - 65% Fe	3462	Chemical	NA
65% Fe & above	4263	Others	NA
		<b>Marl</b>	Rs./t NA

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Perlite	Rs./t NA	Lumps	
Pyrophyllite	Rs./t NA	Up to 40% Cr2O3	4174
Quartz	Rs./t 122	40 - 52% Cr2O3	NA
Silica Sand	Rs./t 78	Fines	
Steatite	Rs./t	Up to 40% Cr2O3	NA
Insecticide (Filler) grade	125	40 - 52% Cr2O3	NA
<b>Himachal Pradesh</b>		Concentrates (U)	NA
<b>Barytes</b>	Rs./t	<b>Iron Ore (total)</b>	Rs./t
White	NA	Lumps	
Off Colour	NA	Below 60% Fe	1238
<b>Salt (rock)</b>	Rs./t 2697	60 - 62% Fe	1353
<b>Shale</b>	Rs./t NA	62 - 65% Fe	2374
<b>Jammu &amp; Kashmir</b>		65% Fe & above	3263
<b>Gypsum</b>	Rs./t 300	Fines	
<b>Jharkhand</b>		Below 62% Fe	1310
<b>Bauxite</b>	Rs./t	62 - 65% Fe	2164
Non-Metallurgical		65% Fe & above	2973
Cement	NA	<b>Manganese Ore</b>	Rs./t
<b>Iron Ore (total)</b>	Rs./t	MnO2	NA
Lumps		Up to 25% Mn	1274
Below 60% Fe	1274	25 - 35% Mn	1793
60 - 62% Fe	2756	35 - 46% Mn	2107
62 - 65% Fe	2756	Above 46% Mn	NA
65% Fe & above	NA	<b>Clay (others)</b>	Rs./t NA
Fines		<b>Dunite</b>	Rs./t NA
Below 62% Fe	1020	<b>Felspar</b>	Rs./t NA
62 - 65% Fe	1276	<b>Fireclay</b>	Rs./t 400
65% Fe & above	1616	<b>Felsite</b>	Rs./t 1602
<b>Manganese Ore</b>	Rs./t	<b>Kaolin (natural)</b>	Rs./t NA
MnO2	NA	<b>Kaolin (processed)</b>	Rs./t 2300
Up to 25% Mn	NA	<b>Kyanite</b>	Rs./t
25 - 35% Mn	850	Up to 40% Al2O3	NA
35 - 46% Mn	NA	Above 40% Al2O3	NA
Above 46% Mn	NA	<b>Laterite</b>	Rs./t
<b>Felspar</b>	Rs./t 153	Non-Metallurgical	
<b>Fireclay</b>	Rs./t 125	Cement	108
<b>Graphite (r.o.m.)</b>	Rs./t	Chemical	NA
Upto 40% fixed carbon (U)	351	Refractory	NA
<b>Kaolin (natural)</b>	Rs./t 394	<b>Magnesite</b>	Rs./t 2228
<b>Kaolin (processed)</b>	Rs./t 2679	<b>Quartz</b>	Rs./t NA
<b>Kyanite</b>	Rs./t	<b>Quartzite</b>	Rs./t 240
Up to 40% Al2O3	1186	<b>Silica Sand</b>	Rs./t 98
Above 40% Al2O3	NA	<b>Shale</b>	Rs./t NA
<b>Laterite</b>	Rs./t	<b>Steatite</b>	Rs./t
Non-Metallurgical		Insecticide (Filler) grade	NA
Cement	NA	<b>Kerala</b>	
<b>Mica (crude)</b>	Rs./kg NA	<b>Kaolin (natural)</b>	Rs./t 254
<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA	<b>Kaolin (processed)</b>	Rs./t 1887
<b>Pyrophyllite</b>	Rs./t NA	<b>Sillimanite</b>	Rs./t 10601
<b>Pyroxenite</b>	Rs./t 254	<b>Laterite</b>	Rs./t
<b>Quartz</b>	Rs./t 69	Non-Metallurgical	
<b>Quartzite</b>	Rs./t 220	Cement	321
<b>Silica Sand</b>	Rs./t 334	Chemical	NA
<b>Karnataka</b>		Others	NA
<b>Bauxite</b>	Rs./t	<b>Silica Sand</b>	Rs./t 869
Non-Metallurgical		<b>Madhya Pradesh</b>	
Cement	NR	<b>Bauxite</b>	Rs./t
<b>Chromite</b>	Rs./t		

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Non-Metallurgical		<b>Fluorite (graded)</b>	Rs./t
Cement	NA	Up to 30% CaF2	NA
<b>Iron Ore (total)</b>	Rs./t	30-70% CaF2	NA
Lumps		70-85% CaF2	NA
Below 60% Fe	800	Above 85% CaF2	NA
60 - 62% Fe	NA	<b>Kyanite</b>	Rs./t
Fines		Up to 40% Al2O3	NA
Below 62% Fe	383	Above 40% Al2O3	898
<b>Manganese Ore</b>	Rs./t	<b>Sillimanite</b>	Rs./t 748
MnO2	NA	<b>Laterite</b>	Rs./t
Up to 25% Mn	2512	Non-Metallurgical	
25 - 35% Mn	3856	Cement	NA
35 - 46% Mn	7378	Chemical	NA
Above 46% Mn	11085	<b>Pyrophyllite</b>	Rs./t 297
<b>Phosphorite</b>	Rs./t	<b>Quartz</b>	Rs./t 233
Up to 25% P2O5	483	<b>Quartzite</b>	Rs./t 250
25 - 30% P2O5	1113	<b>Silica Sand</b>	Rs./t 231
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 16000	<b>Shale</b>	Rs./t NA
<b>Diaspore</b>	Rs./t 434	<b>Orissa</b>	
<b>Fireclay</b>	Rs./t 118	<b>Chromite</b>	Rs./t
<b>Kaolin (natural)</b>	Rs./t 60	Lumps	
<b>Laterite</b>	Rs./t	Up to 40% Cr2O3	3265
Non-Metallurgical		40 - 52% Cr2O3	NA
Cement	53	Above 52% Cr2O3	NA
<b>Pyrophyllite</b>	Rs./t 218	Fines	
<b>Quartz</b>	Rs./t 100	Up to 40% Cr2O3	3202
<b>Shale</b>	Rs./t NA	40 - 52% Cr2O3	9636
<b>Steatite</b>	Rs./t	Above 52% Cr2O3	NA
Insecticide (Filler) grade	NA	Concentrates (U)	11616
<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	671
Non-Metallurgical		60 - 62% Fe	2306
Cement	100	62 - 65% Fe	3860
Others (U)	157	65% Fe & above	3860
<b>Chromite</b>	Rs./t	Fines	
Lumps		Below 62% Fe	2149
Up to 40% Cr2O3	NA	62 - 65% Fe	2149
40 - 52% Cr2O3	NA	65% Fe & above	2149
<b>Iron Ore (total)</b>	Rs./t	<b>Manganese Ore</b>	Rs./t
Below 60% Fe	753	MnO2	23295
60 - 62% Fe	NA	Up to 25% Mn	2756
62 - 65% Fe	NA	25 - 35% Mn	4946
Fines		35 - 46% Mn	8440
Below 62% Fe	1202	Above 46% Mn	16690
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 3776
Up to 25% Mn	826	<b>Graphite (r.o.m.)</b>	Rs./t
25 - 35% Mn	4536	Upto 40% fixed carbon (U)	501
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	<b>Kaolin (processed)</b>	Rs./t 805
<b>Corundum</b>	Rs./kg NA	<b>Sillimanite</b>	Rs./t 12000
<b>Fireclay</b>	Rs./t NA	<b>Pyrophyllite</b>	Rs./t NA

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<b>Pyroxenite</b>	Rs./t 596	<b>Fireclay</b>	Rs./t NA
<b>Quartz</b>	Rs./t NA	<b>Garnet (abrasive)</b>	Rs./t 601
<b>Quartzite</b>	Rs./t 200	<b>Graphite (r.o.m.)</b>	Rs./t
<b>Silica Sand</b>	Rs./t NA	Upto 40% fixed carbon (U)	500
<b>Steatite</b>	Rs./t	<b>Magnesite</b>	Rs./t 1900
Insecticide (Filler) grade	NA	<b>Marl</b>	Rs./t NA
Other than insecticide (Filler) grade	NA	<b>Quartz</b>	Rs./t 1663
<b>Rajasthan</b>		<b>Silica Sand</b>	Rs./t 889
<b>Iron Ore (total)</b>	Rs./t	<b>Steatite</b>	Rs./t
Lumps		Insecticide (Filler) grade	200
Below 60% Fe	NA	<b>Vermiculite</b>	Rs./t 1892
<b>Manganese Ore</b>	Rs./t	<b>Uttar Pradesh</b>	
25 - 35% Mn	1500	<b>Diaspore</b>	Rs./t 1324
<b>Phosphorite</b>	Rs./t	<b>Pyrophyllite</b>	Rs./t 199
Up to 25% P2O5	251	<b>Silica Sand</b>	Rs./t 178
25 - 30% P2O5	NA	<b>Uttaranchal</b>	
Above 30% P2O5	4753	<b>Magnesite</b>	Rs./t 1212
<b>Ball Clay</b>	Rs./t 239	<b>Steatite</b>	Rs./t
<b>Barytes</b>	Rs./t	Insecticide (Filler) grade	985
White	476	Other than insecticide (Filler) grade	1170
Off Colour	358	<b>West Bengal</b>	
<b>Calcite</b>	Rs./t 317	<b>Apatite</b>	Rs./t 1753
<b>Clay (others)</b>	Rs./t 145	<b>Clay (others)</b>	Rs./t NA
<b>Felspar</b>	Rs./t 156	<b>Felspar</b>	Rs./t NA
<b>Fireclay</b>	Rs./t 216	<b>Fireclay</b>	Rs./t 109
<b>Fluorite (graded)</b>	Rs./t	<b>Kaolin (natural)</b>	Rs./t 393
Up to 30% CaF2	NA	<b>Kaolin (processed)</b>	Rs./t 1100
30-70% CaF2	2350	<b>Quartz</b>	Rs./t 220
70-85% CaF2	NA		
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 187		
<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 186		
<b>Quartzite</b>	Rs./t 100		
<b>Silica Sand</b>	Rs./t 291		
<b>Steatite</b>	Rs./t		
Insecticide (Filler) grade	156		
Other than insecticide (Filler) grade	777		
<b>Selenite</b>	Rs./t 849		
<b>Vermiculite</b>	Rs./t NA		
<b>Wollastonite</b>	Rs./t 812		
<b>Tamil Nadu</b>			
<b>Ball Clay</b>	Rs./t NA		
<b>Dunite</b>	Rs./t NA		
<b>Felspar</b>	Rs./t 303		

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