

**Extract from Monthly Statistics of Mineral Production November 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 : November 2009

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	3810
Non-Metallurgical		70-85% CaF2	8067
Cement	140	Above 85% CaF2	NA
Abrasive	284	<b>Garnet (abrasive)</b>	Rs./t 421
Refractory	302	<b>Garnet (gem)</b>	Rs./kg NA
Others (U)	307	<b>Graphite (r.o.m.)</b>	Rs./t
<b>Chromite</b>	Rs./t	Upto 40% fixed carbon (U)	444
Lumps		40 - 80% fixed carbon (U)	350
Up to 40% Cr2O3	3041	80% & above fixed carbon (U)	NA
40 - 52% Cr2O3	3006	<b>Gypsum</b>	Rs./t 299
Above 52% Cr2O3	NA	<b>Jasper</b>	Rs./t NR
Fines		<b>Kaolin (natural)</b>	Rs./t 178
Up to 40% Cr2O3	3426	<b>Kaolin (processed)</b>	Rs./t 2248
40 - 52% Cr2O3	3426	<b>Kyanite</b>	Rs./t
Above 52% Cr2O3	5906	Up to 40% Al2O3	1078
Concentrates (U)	5588	Above 40% Al2O3	880
<b>Iron Ore (total)</b>	Rs./t	<b>Sillimanite</b>	Rs./t 10227
Lumps		<b>Laterite</b>	Rs./t
Below 60% Fe	744	Non-Metallurgical	
60 - 62% Fe	802	Cement	107
62 - 65% Fe	1153	Abrasive	NA
65% Fe & above	1417	Chemical	225
Fines		Refractory	225
Below 62% Fe	953	Others	NA
62 - 65% Fe	769	<b>Magnesite</b>	Rs./t 1505
65% Fe & above	880	<b>Marl</b>	Rs./t 56
Concentrates	1119	<b>Mica (crude)</b>	Rs./kg 30
<b>Manganese Ore</b>	Rs./t	<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA
MnO2	21135	<b>Perlite</b>	Rs./t NA
Up to 25% Mn	1459	<b>Pyrites</b>	Rs./t NA
25 - 35% Mn	4266	<b>Pyrophyllite</b>	Rs./t 225
35 - 46% Mn	9032	<b>Pyroxenite</b>	Rs./t 436
Above 46% Mn	15400	<b>Quartz</b>	Rs./t 164
<b>Agate</b>	Rs./t NR	<b>Quartzite</b>	Rs./t 186
<b>Apatite</b>	Rs./t 2210	<b>Silica Sand</b>	Rs./t 127
<b>Phosphorite</b>	Rs./t	<b>Sand (others)</b>	Rs./t 51
Up to 25% P2O5	241	<b>Salt (rock)</b>	Rs./t 2751
25 - 30% P2O5	1087	<b>Shale</b>	Rs./t 23
Above 30% P2O5	4753	<b>Steatite</b>	Rs./t
<b>Asbestos</b>	Rs./t	Insecticide (Filler) grade	143
Ambhibole	NR	Other than insecticide (Filler) grade	678
<b>Ball Clay</b>	Rs./t 185	<b>Selenite</b>	Rs./t 850
<b>Barytes</b>	Rs./t	<b>Vermiculite</b>	Rs./t 552
White	803	<b>Wollastonite</b>	Rs./t 830
Off Colour	1178	<b>Aluminium (lme Price)*</b>	\$/mt 1949
<b>Calcite</b>	Rs./t 329	<b>Copper (lme Price)*</b>	\$/mt 6676
<b>Chalk</b>	Rs./t 306	<b>Lead (lme Price)*</b>	\$/mt 2309
<b>Clay (others)</b>	Rs./t 80	<b>Nickel (lme Price)*</b>	\$/mt 16991
<b>Corundum</b>	Rs./kg NA	<b>Tin (lme Price)*</b>	\$/mt 14942
<b>Corundum (ruby)</b>	Rs./kg NA	<b>Zinc (lme Price)*</b>	\$/mt 2193
<b>Diamond</b>	Rs./crt 7720	<b>Silver (lme Price)*</b>	c/tr oz 1782
<b>Diaspore</b>	Rs./t 981	<b>Gold (lme Price)*</b>	\$/tr oz 1127
<b>Dunite</b>	Rs./t 265	<b>Andhra Pradesh</b>	
<b>Felspar</b>	Rs./t 195	<b>Iron Ore (total)</b>	Rs./t
<b>Fireclay</b>	Rs./t 180	Lumps	
<b>Felsite</b>	Rs./t 1457	Below 60% Fe	235
<b>Fluorite (graded)</b>	Rs./t		

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State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
60 - 62% Fe	235	62 - 65% Fe	1662
62 - 65% Fe	820	65% Fe & above	1671
Fines		<b>Clay (others)</b>	Rs./t NA
Below 62% Fe	156	<b>Quartz</b>	Rs./t NR
62 - 65% Fe	967	<b>Steatite</b>	Rs./t
<b>Manganese Ore</b>	Rs./t	Insecticide (Filler) grade	NA
MnO2	NA	<b>Goa</b>	
Up to 25% Mn	2334	<b>Bauxite</b>	Rs./t
25 - 35% Mn	2334	Non-Metallurgical	
35 - 46% Mn	2334	Cement	NA
Above 46% Mn	NA	<b>Iron Ore (total)</b>	Rs./t
<b>Apatite</b>	Rs./t 2210	Lumps	
<b>Asbestos</b>	Rs./t	Below 60% Fe	868
Ambhibole	NR	60 - 62% Fe	1278
<b>Ball Clay</b>	Rs./t 111	62 - 65% Fe	NA
<b>Barytes</b>	Rs./t	Fines	
White	803	Below 62% Fe	1144
Off Colour	1181	62 - 65% Fe	1634
<b>Clay (others)</b>	Rs./t 93	65% Fe & above	1634
<b>Felspar</b>	Rs./t 227	Concentrates	1119
<b>Fireclay</b>	Rs./t 204	<b>Manganese Ore</b>	Rs./t
<b>Garnet (abrasive)</b>	Rs./t 85	MnO2	NA
<b>Kaolin (natural)</b>	Rs./t 88	Up to 25% Mn	NA
<b>Laterite</b>	Rs./t	25 - 35% Mn	800
Non-Metallurgical		35 - 46% Mn	NA
Cement	92	Above 46% Mn	NA
Chemical	NA	<b>Laterite</b>	Rs./t
<b>Mica (crude)</b>	Rs./kg 30	Non-Metallurgical	
<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA	Cement	NA
<b>Pyrophyllite</b>	Rs./t 100	<b>Gujarat</b>	
<b>Quartz</b>	Rs./t 164	<b>Bauxite</b>	Rs./t
<b>Silica Sand</b>	Rs./t 56	Non-Metallurgical	
<b>Sand (others)</b>	Rs./t 44	Cement	138
<b>Shale</b>	Rs./t 58	Abrasive	284
<b>Steatite</b>	Rs./t	Refractory	302
Insecticide (Filler) grade	147	Others (U)	310
Other than insecticide (Filler) grade	572	<b>Agate</b>	Rs./t NR
<b>Vermiculite</b>	Rs./t 338	<b>Ball Clay</b>	Rs./t 100
<b>Bihar</b>		<b>Chalk</b>	Rs./t 306
<b>Mica (crude)</b>	Rs./kg NA	<b>Clay (others)</b>	Rs./t 16
<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA	<b>Fireclay</b>	Rs./t 70
<b>Pyrites</b>	Rs./t NA	<b>Fluorite (graded)</b>	Rs./t
<b>Quartzite</b>	Rs./t 125	Up to 30% CaF2	NA
<b>Steatite</b>	Rs./t	<b>Gypsum</b>	Rs./t NA
Insecticide (Filler) grade	128	<b>Kaolin (natural)</b>	Rs./t 140
<b>Chhattisgarh</b>		<b>Kaolin (processed)</b>	Rs./t 1091
<b>Bauxite</b>	Rs./t	<b>Laterite</b>	Rs./t
Non-Metallurgical		Non-Metallurgical	
Refractory	247	Cement	62
<b>Iron Ore (total)</b>	Rs./t	Abrasive	NA
Lumps		Chemical	NA
Below 60% Fe	498	Others	NA
60 - 62% Fe	499	<b>Marl</b>	Rs./t 56
62 - 65% Fe	658	<b>Perlite</b>	Rs./t NA
65% Fe & above	2875	<b>Quartz</b>	Rs./t 85
Fines		<b>Silica Sand</b>	Rs./t 42
Below 62% Fe	1662	<b>Steatite</b>	Rs./t

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Insecticide (Filler) grade	100	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	572
<b>Salt (rock)</b>	Rs./t	60 - 62% Fe	586
<b>Shale</b>	Rs./t	62 - 65% Fe	943
<b>Jammu &amp; Kashmir</b>		65% Fe & above	1549
<b>Gypsum</b>	Rs./t	Fines	
<b>Jharkhand</b>		Below 62% Fe	613
<b>Bauxite</b>	Rs./t	62 - 65% Fe	1114
Non-Metallurgical		65% Fe & above	1694
Cement	NA	<b>Manganese Ore</b>	Rs./t
<b>Iron Ore (total)</b>	Rs./t	MnO2	NA
Lumps		Up to 25% Mn	743
Below 60% Fe	585	25 - 35% Mn	1924
60 - 62% Fe	858	35 - 46% Mn	2134
62 - 65% Fe	858	Above 46% Mn	NA
65% Fe & above	858	<b>Clay (others)</b>	Rs./t
Fines		<b>Dunite</b>	Rs./t
Below 62% Fe	443	<b>Felspar</b>	Rs./t
62 - 65% Fe	542	<b>Fireclay</b>	Rs./t
65% Fe & above	542	<b>Felsite</b>	Rs./t
<b>Manganese Ore</b>	Rs./t	<b>Kaolin (natural)</b>	Rs./t
MnO2	8500	<b>Kaolin (processed)</b>	Rs./t
Up to 25% Mn	1520	<b>Kyanite</b>	Rs./t
25 - 35% Mn	2041	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	Non-Metallurgical	
<b>Fireclay</b>	Rs./t	Cement	255
<b>Graphite (r.o.m.)</b>	Rs./t	Chemical	225
Upto 40% fixed carbon (U)	444	Refractory	225
<b>Kaolin (natural)</b>	Rs./t	<b>Magnesite</b>	Rs./t
<b>Kaolin (processed)</b>	Rs./t	<b>Quartz</b>	Rs./t
<b>Kyanite</b>	Rs./t	<b>Quartzite</b>	Rs./t
Up to 40% Al2O3	1100	<b>Silica Sand</b>	Rs./t
Above 40% Al2O3	NA	<b>Shale</b>	Rs./t
<b>Laterite</b>	Rs./t	<b>Steatite</b>	Rs./t
Non-Metallurgical		Insecticide (Filler) grade	NA
Cement	76	<b>Kerala</b>	
<b>Mica (crude)</b>	Rs./kg	<b>Kaolin (natural)</b>	Rs./t
<b>Mica (waste &amp; Scrap)</b>	Rs./kg	<b>Kaolin (processed)</b>	Rs./t
<b>Pyrophyllite</b>	Rs./t	<b>Sillimanite</b>	Rs./t
<b>Pyroxenite</b>	Rs./t	<b>Laterite</b>	Rs./t
<b>Quartz</b>	Rs./t	Non-Metallurgical	
<b>Silica Sand</b>	Rs./t	Cement	154
<b>Karnataka</b>		Chemical	NA
<b>Bauxite</b>	Rs./t	Others	NA
Non-Metallurgical		<b>Silica Sand</b>	Rs./t
Cement	NR	<b>Madhya Pradesh</b>	
<b>Chromite</b>	Rs./t	<b>Bauxite</b>	Rs./t
Lumps		Non-Metallurgical	
Up to 40% Cr2O3	3857	Cement	60
40 - 52% Cr2O3	NA	<b>Iron Ore (total)</b>	Rs./t
Fines		Lumps	
Up to 40% Cr2O3	NA	Below 60% Fe	300

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60 - 62% Fe	300	Up to 40% Al <sub>2</sub> O <sub>3</sub>	550
Fines		Above 40% Al <sub>2</sub> O <sub>3</sub>	880
Below 62% Fe	197	<b>Sillimanite</b>	Rs./t 700
<b>Manganese Ore</b>	Rs./t	<b>Laterite</b>	Rs./t
MnO <sub>2</sub>	NA	Non-Metallurgical	
Up to 25% Mn	1015	Cement	80
25 - 35% Mn	6465	Chemical	NA
35 - 46% Mn	10062	<b>Pyrophyllite</b>	Rs./t 275
Above 46% Mn	15948	<b>Quartz</b>	Rs./t 223
<b>Phosphorite</b>	Rs./t	<b>Quartzite</b>	Rs./t 251
Up to 25% P <sub>2</sub> O <sub>5</sub>	345	<b>Silica Sand</b>	Rs./t 204
25 - 30% P <sub>2</sub> O <sub>5</sub>	1087	<b>Sand (others)</b>	Rs./t 80
Above 30% P <sub>2</sub> O <sub>5</sub>	NA	<b>Shale</b>	Rs./t 37
<b>Calcite</b>	Rs./t NR	<b>Meghalaya</b>	
<b>Clay (others)</b>	Rs./t 106	<b>Shale</b>	Rs./t NA
<b>Diamond</b>	Rs./crt 7720	<b>Orissa</b>	
<b>Diaspore</b>	Rs./t 808	<b>Chromite</b>	Rs./t
<b>Fireclay</b>	Rs./t 94	Lumps	
<b>Kaolin (natural)</b>	Rs./t 96	Up to 40% Cr <sub>2</sub> O <sub>3</sub>	3006
<b>Laterite</b>	Rs./t	40 - 52% Cr <sub>2</sub> O <sub>3</sub>	3006
Non-Metallurgical		Above 52% Cr <sub>2</sub> O <sub>3</sub>	NA
Cement	50	Fines	
<b>Pyrophyllite</b>	Rs./t 223	Up to 40% Cr <sub>2</sub> O <sub>3</sub>	3426
<b>Shale</b>	Rs./t 9	40 - 52% Cr <sub>2</sub> O <sub>3</sub>	3426
<b>Steatite</b>	Rs./t	Above 52% Cr <sub>2</sub> O <sub>3</sub>	5906
Insecticide (Filler) grade	NA	Concentrates (U)	5588
<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	NA
Non-Metallurgical		60 - 62% Fe	597
Cement	275	62 - 65% Fe	1483
Others (U)	154	65% Fe & above	1483
<b>Chromite</b>	Rs./t	Fines	
Lumps		Below 62% Fe	887
Up to 40% Cr <sub>2</sub> O <sub>3</sub>	NA	62 - 65% Fe	887
40 - 52% Cr <sub>2</sub> O <sub>3</sub>	NA	65% Fe & above	887
<b>Iron Ore (total)</b>	Rs./t	<b>Manganese Ore</b>	Rs./t
Below 60% Fe	490	MnO <sub>2</sub>	5140
60 - 62% Fe	490	Up to 25% Mn	1982
62 - 65% Fe	NA	25 - 35% Mn	3072
Fines		35 - 46% Mn	6136
Below 62% Fe	300	Above 46% Mn	6136
62 - 65% Fe	NA	<b>Corundum (ruby)</b>	Rs./kg NA
<b>Manganese Ore</b>	Rs./t	<b>Fireclay</b>	Rs./t 306
MnO <sub>2</sub>	30095	<b>Garnet (abrasive)</b>	Rs./t 2820
Up to 25% Mn	936	<b>Graphite (r.o.m.)</b>	Rs./t
25 - 35% Mn	7739	Upto 40% fixed carbon (U)	571
35 - 46% Mn	11929	40 - 80% fixed carbon (U)	350
Above 46% Mn	16294	<b>Kaolin (natural)</b>	Rs./t NA
<b>Clay (others)</b>	Rs./t NA	<b>Kaolin (processed)</b>	Rs./t 785
<b>Corundum</b>	Rs./kg NA	<b>Sillimanite</b>	Rs./t 12000
<b>Fireclay</b>	Rs./t 94	<b>Pyrophyllite</b>	Rs./t NA
<b>Fluorite (graded)</b>	Rs./t	<b>Pyroxenite</b>	Rs./t 447
Up to 30% CaF <sub>2</sub>	NA	<b>Quartz</b>	Rs./t 250
30-70% CaF <sub>2</sub>	3810	<b>Quartzite</b>	Rs./t 319
70-85% CaF <sub>2</sub>	8067	<b>Silica Sand</b>	Rs./t NA
Above 85% CaF <sub>2</sub>	NA	<b>Steatite</b>	Rs./t
<b>Kyanite</b>	Rs./t		

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Insecticide (Filler) grade	NA	<b>Quartz</b>	Rs./t 640
Other than insecticide (Filler) grade	NA	<b>Silica Sand</b>	Rs./t 1507
<b>Rajasthan</b>		<b>Steatite</b>	Rs./t
<b>Iron Ore (total)</b>	Rs./t	Insecticide (Filler) grade	NA
Lumps		<b>Vermiculite</b>	Rs./t 2677
Below 60% Fe	NA	<b>Uttar Pradesh</b>	
<b>Manganese Ore</b>	Rs./t	<b>Diaspore</b>	Rs./t 1070
25 - 35% Mn	750	<b>Pyrophyllite</b>	Rs./t 241
<b>Phosphorite</b>	Rs./t	<b>Silica Sand</b>	Rs./t 182
Up to 25% P2O5	240	<b>Uttaranchal</b>	
25 - 30% P2O5	NA	<b>Magnesite</b>	Rs./t 1234
Above 30% P2O5	4753	<b>Steatite</b>	Rs./t
<b>Ball Clay</b>	Rs./t 201	Insecticide (Filler) grade	110
<b>Barytes</b>	Rs./t	Other than insecticide (Filler) grade	648
White	NA	<b>West Bengal</b>	
Off Colour	503	<b>Apatite</b>	Rs./t NA
<b>Calcite</b>	Rs./t 329	<b>Clay (others)</b>	Rs./t NA
<b>Clay (others)</b>	Rs./t 120	<b>Felspar</b>	Rs./t 433
<b>Felspar</b>	Rs./t 156	<b>Fireclay</b>	Rs./t 72
<b>Fireclay</b>	Rs./t 176	<b>Kaolin (natural)</b>	Rs./t 389
<b>Fluorite (graded)</b>	Rs./t	<b>Kaolin (processed)</b>	Rs./t 1100
Up to 30% CaF2	NA	<b>Quartz</b>	Rs./t 205
30-70% CaF2	NA		
70-85% CaF2	NA		
Above 85% CaF2	NA		
<b>Garnet (gem)</b>	Rs./kg NA		
<b>Gypsum</b>	Rs./t 299		
<b>Jasper</b>	Rs./t NR		
<b>Kaolin (natural)</b>	Rs./t 136		
<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 222		
<b>Quartzite</b>	Rs./t 100		
<b>Silica Sand</b>	Rs./t 193		
<b>Steatite</b>	Rs./t		
Insecticide (Filler) grade	151		
Other than insecticide (Filler) grade	687		
<b>Selenite</b>	Rs./t 850		
<b>Vermiculite</b>	Rs./t NA		
<b>Wollastonite</b>	Rs./t 830		
<b>Tamil Nadu</b>			
<b>Dunite</b>	Rs./t 291		
<b>Felspar</b>	Rs./t NA		
<b>Fireclay</b>	Rs./t 140		
<b>Garnet (abrasive)</b>	Rs./t 447		
<b>Graphite (r.o.m.)</b>	Rs./t		
Upto 40% fixed carbon (U)	439		
<b>Magnesite</b>	Rs./t 1578		
<b>Marl</b>	Rs./t 51		

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