

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

State / Mineral / Grades	Avg. Value	State / Mineral / Grades	Avg. Value
<b>India</b>		Abrasive	NA
<b>Bauxite</b>	Rs./t	Chemical	300
Non-Metallurgical		Refractory	225
Cement	47	Others	NA
Abrasive	240	<b>Magnesite</b>	Rs./t 1458
Refractory	316	<b>Mica (crude)</b>	Rs./kg 28
Others	243	<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA
<b>Chromite</b>	Rs./t	<b>Perlite</b>	Rs./t NA
Lumps		<b>Pyrites</b>	Rs./t NA
Up to 40% Cr2O3	1493	<b>Pyrophyllite</b>	Rs./t 212
40 - 52% Cr2O3	2014	<b>Pyroxenite</b>	Rs./t 489
Above 52% Cr2O3	NA	<b>Sand (others)</b>	Rs./t 48
Fines		<b>Salt (rock)</b>	Rs./t 2500
Up to 40% Cr2O3	1244	<b>Shale</b>	Rs./t 22
40 - 52% Cr2O3	4312	<b>Steatite</b>	Rs./t
Above 52% Cr2O3	4854	Insecticide (Filler) grade	574
Concentrates (U)	10264	Other than insecticide (Filler) grade	710
<b>Manganese Ore</b>	Rs./t	<b>Selenite</b>	Rs./t 850
MnO2	8923	<b>Vermiculite</b>	Rs./t 524
Up to 25% Mn	1382	<b>Wollastonite</b>	Rs./t 829
25 - 35% Mn	2420	<b>Aluminium (Ime Price)*</b>	\$/mt 2507
35 - 46% Mn	5258	<b>Copper (Ime Price)*</b>	\$/mt 6967
Above 46% Mn	9937	<b>Lead (Ime Price)*</b>	\$/mt 3328
<b>Agate</b>	Rs./t NR	<b>Nickel (Ime Price)*</b>	\$/mt 30610
<b>Apatite</b>	Rs./t 1753	<b>Tin (Ime Price)*</b>	\$/mt 16692
<b>Phosphorite</b>	Rs./t	<b>Zinc (Ime Price)*</b>	\$/mt 2541
Up to 25% P2O5	262	<b>Silver (ol Price)*</b>	c/tr oz 1470
25 - 30% P2O5	318	<b>Gold (ol Price)*</b>	\$/tr oz 808
Above 30% P2O5	4313		
<b>Barytes</b>	Rs./t	<b>Andhra Pradesh</b>	
White	NA	<b>Manganese Ore</b>	Rs./t
Off Colour	779	MnO2	NA
<b>Calcite</b>	Rs./t 336	Up to 25% Mn	2459
<b>Chalk</b>	Rs./t 311	25 - 35% Mn	2459
<b>Clay (others)</b>	Rs./t 49	35 - 46% Mn	2459
<b>Corundum (ruby)</b>	Rs./kg NA	Above 46% Mn	NA
<b>Diamond</b>	Rs./crt ++	<b>Apatite</b>	Rs./t NA
<b>Diaspore</b>	Rs./t 899	<b>Barytes</b>	Rs./t
<b>Dunite</b>	Rs./t 272	White	NA
<b>Felspar</b>	Rs./t 183	Off Colour	778
<b>Fireclay</b>	Rs./t 143	<b>Clay (others)</b>	Rs./t 63
<b>Felsite</b>	Rs./t 1140	<b>Felspar</b>	Rs./t 195
<b>Fluorite (graded)</b>	Rs./t	<b>Fireclay</b>	Rs./t 189
Up to 30% CaF2	NA	<b>Garnet (abrasive)</b>	Rs./t 225
30-70% CaF2	4206	<b>Laterite</b>	Rs./t
70-85% CaF2	7917	Non-Metallurgical	
Above 85% CaF2	NA	Cement	35
<b>Garnet (abrasive)</b>	Rs./t 471	Chemical	NA
<b>Garnet (gem)</b>	Rs./kg NA	<b>Mica (crude)</b>	Rs./kg 28
<b>Gypsum</b>	Rs./t 236	<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA
<b>Jasper</b>	Rs./t NR	<b>Pyrophyllite</b>	Rs./t NA
<b>Kyanite</b>	Rs./t	<b>Sand (others)</b>	Rs./t 49
Up to 40% Al2O3	2097	<b>Shale</b>	Rs./t 46
Above 40% Al2O3	900	<b>Steatite</b>	Rs./t
<b>Sillimanite</b>	Rs./t 7823	Insecticide (Filler) grade	196
<b>Laterite</b>	Rs./t	Other than insecticide (Filler) grade	444
Non-Metallurgical		<b>Vermiculite</b>	Rs./t 390
Cement	131	<b>Bihar</b>	
		<b>Mica (crude)</b>	Rs./kg NA

NA : Not Available Ime: London Metal Exchange t : Tonne mt : Metric Tonne  
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\* : Average Value for November 2007, Source - WORLD METAL STATISTICS, December 2007.

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Mica (waste & Scrap)	Rs./kg NA	Up to 25% Mn	NA
Pyrites	Rs./t NA	25 - 35% Mn	525
Steatite	Rs./t	35 - 46% Mn	1500
Insecticide (Filler) grade	100	Above 46% Mn	NA
<b>Chhattisgarh</b>		<b>Felspar</b>	Rs./t 152
Clay (others)	Rs./t NA	<b>Fireclay</b>	Rs./t 97
Steatite	Rs./t	<b>Kyanite</b>	Rs./t
Insecticide (Filler) grade	NA	Up to 40% Al2O3	2203
<b>Goa</b>		Above 40% Al2O3	NA
<b>Bauxite</b>	Rs./t	<b>Laterite</b>	Rs./t
Non-Metallurgical		Non-Metallurgical	
Cement	47	Cement	NA
<b>Manganese Ore</b>	Rs./t	<b>Mica (crude)</b>	Rs./kg NA
MnO2	NA	<b>Mica (waste &amp; Scrap)</b>	Rs./kg NA
Up to 25% Mn	NA	<b>Pyrophyllite</b>	Rs./t 319
25 - 35% Mn	NA	<b>Pyroxenite</b>	Rs./t 246
35 - 46% Mn	NA	<b>Karnataka</b>	
Above 46% Mn	NA	<b>Bauxite</b>	Rs./t
<b>Laterite</b>	Rs./t	Non-Metallurgical	
Non-Metallurgical		Cement	NR
Cement	NA	<b>Chromite</b>	Rs./t
<b>Gujarat</b>		Lumps	
<b>Bauxite</b>	Rs./t	Up to 40% Cr2O3	7907
Non-Metallurgical		40 - 52% Cr2O3	NA
Cement	120	Fines	
Abrasive	240	Up to 40% Cr2O3	NA
Refractory	316	40 - 52% Cr2O3	16300
Others	243	Concentrates (U)	NA
<b>Agate</b>	Rs./t NR	<b>Manganese Ore</b>	Rs./t
<b>Chalk</b>	Rs./t 311	MnO2	NA
<b>Clay (others)</b>	Rs./t 18	Up to 25% Mn	NA
<b>Fireclay</b>	Rs./t 83	25 - 35% Mn	1029
<b>Fluorite (graded)</b>	Rs./t	35 - 46% Mn	1627
Up to 30% CaF2	NA	Above 46% Mn	NA
<b>Gypsum</b>	Rs./t 111	<b>Clay (others)</b>	Rs./t NA
<b>Laterite</b>	Rs./t	<b>Dunite</b>	Rs./t 245
Non-Metallurgical		<b>Felspar</b>	Rs./t NA
Cement	104	<b>Fireclay</b>	Rs./t NA
Abrasive	NA	<b>Felsite</b>	Rs./t 1140
Chemical	NA	<b>Kyanite</b>	Rs./t
Others	NA	Up to 40% Al2O3	NA
<b>Perlite</b>	Rs./t NA	Above 40% Al2O3	NA
<b>Steatite</b>	Rs./t	<b>Laterite</b>	Rs./t
Insecticide (Filler) grade	240	Non-Metallurgical	
<b>Himachal Pradesh</b>		Cement	269
<b>Barytes</b>	Rs./t	Chemical	NA
White	NA	Refractory	225
Off Colour	1500	<b>Magnesite</b>	Rs./t 2507
<b>Salt (rock)</b>	Rs./t 2500	<b>Shale</b>	Rs./t 37
<b>Shale</b>	Rs./t 12	<b>Steatite</b>	Rs./t
<b>Jammu &amp; Kashmir</b>		Insecticide (Filler) grade	NA
Gypsum	Rs./t 555	<b>Kerala</b>	
<b>Jharkhand</b>		<b>Sillimanite</b>	Rs./t 8800
<b>Bauxite</b>	Rs./t	<b>Laterite</b>	Rs./t
Non-Metallurgical		Non-Metallurgical	
Cement	NA	Cement	NA
<b>Manganese Ore</b>	Rs./t	Chemical	300
MnO2	NA	Others	NA
		<b>Madhya Pradesh</b>	
		<b>Bauxite</b>	Rs./t

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Non-Metallurgical		<b>Orissa</b>	
Cement	NA	<b>Chromite</b>	Rs./t
<b>Manganese Ore</b>	Rs./t	Lumps	
MnO2	NA	Up to 40% Cr2O3	1434
Up to 25% Mn	1069	40 - 52% Cr2O3	2014
25 - 35% Mn	3816	Above 52% Cr2O3	NA
35 - 46% Mn	6064	Fines	
Above 46% Mn	10548	Up to 40% Cr2O3	1244
<b>Phosphorite</b>	Rs./t	40 - 52% Cr2O3	4305
Up to 25% P2O5	449	Above 52% Cr2O3	4854
25 - 30% P2O5	318	Concentrates (U)	10264
Above 30% P2O5	318	<b>Manganese Ore</b>	Rs./t
<b>Calcite</b>	Rs./t	MnO2	3849
<b>Clay (others)</b>	Rs./t	Up to 25% Mn	1145
<b>Diamond</b>	Rs./crt	25 - 35% Mn	2170
<b>Diaspore</b>	Rs./t	35 - 46% Mn	5237
<b>Fireclay</b>	Rs./t	Above 46% Mn	5237
<b>Laterite</b>	Rs./t	<b>Corundum (ruby)</b>	Rs./kg
Non-Metallurgical		<b>Fireclay</b>	Rs./t
Cement	50	<b>Garnet (abrasive)</b>	Rs./t
<b>Pyrophyllite</b>	Rs./t	<b>Sillimanite</b>	Rs./t
<b>Shale</b>	Rs./t	<b>Pyrophyllite</b>	Rs./t
<b>Steatite</b>	Rs./t	<b>Pyroxenite</b>	Rs./t
Insecticide (Filler) grade	NA	<b>Steatite</b>	Rs./t
<b>Vermiculite</b>	Rs./t	Insecticide (Filler) grade	NA
<b>Maharashtra</b>		Other than insecticide (Filler) grade	NA
<b>Bauxite</b>	Rs./t	<b>Rajasthan</b>	
Non-Metallurgical		<b>Manganese Ore</b>	Rs./t
Others	NA	25 - 35% Mn	750
<b>Chromite</b>	Rs./t	<b>Phosphorite</b>	Rs./t
Lumps		Up to 25% P2O5	211
Up to 40% Cr2O3	NA	25 - 30% P2O5	NA
40 - 52% Cr2O3	NA	Above 30% P2O5	4321
<b>Manganese Ore</b>	Rs./t	<b>Barytes</b>	Rs./t
MnO2	17039	White	NA
Up to 25% Mn	879	Off Colour	946
25 - 35% Mn	4210	<b>Calcite</b>	Rs./t
35 - 46% Mn	6647	<b>Clay (others)</b>	Rs./t
Above 46% Mn	10735	<b>Felspar</b>	Rs./t
<b>Clay (others)</b>	Rs./t	<b>Fireclay</b>	Rs./t
<b>Fireclay</b>	Rs./t	<b>Fluorite (graded)</b>	Rs./t
<b>Fluorite (graded)</b>	Rs./t	Up to 30% CaF2	NA
Up to 30% CaF2	NA	30-70% CaF2	NA
30-70% CaF2	4206	70-85% CaF2	NA
70-85% CaF2	7917	Above 85% CaF2	NA
Above 85% CaF2	NA	<b>Garnet (gem)</b>	Rs./kg
<b>Kyanite</b>	Rs./t	<b>Gypsum</b>	Rs./t
Up to 40% Al2O3	332	<b>Jasper</b>	Rs./t
Above 40% Al2O3	900	<b>Kyanite</b>	Rs./t
<b>Sillimanite</b>	Rs./t	Up to 40% Al2O3	NA
<b>Laterite</b>	Rs./t	<b>Sillimanite</b>	Rs./t
Non-Metallurgical		<b>Laterite</b>	Rs./t
Cement	145	Non-Metallurgical	
Chemical	NA	Chemical	NA
<b>Pyrophyllite</b>	Rs./t	<b>Magnesite</b>	Rs./t
<b>Sand (others)</b>	Rs./t	<b>Mica (crude)</b>	Rs./kg
<b>Shale</b>	Rs./t	<b>Mica (waste &amp; Scrap)</b>	Rs./kg
<b>Meghalaya</b>		<b>Pyrophyllite</b>	Rs./t
<b>Shale</b>	Rs./t		NA

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<b>Steatite</b>	Rs./t	
Insecticide (Filler) grade		736
Other than insecticide (Filler) grade		729
<b>Selenite</b>	Rs./t	850
<b>Vermiculite</b>	Rs./t	NA
<b>Wollastonite</b>	Rs./t	829
<b>Tamil Nadu</b>		
<b>Dunite</b>	Rs./t	450
<b>Felspar</b>	Rs./t	100
<b>Fireclay</b>	Rs./t	192
<b>Garnet (abrasive)</b>	Rs./t	471
<b>Magnesite</b>	Rs./t	1523
<b>Steatite</b>	Rs./t	
Insecticide (Filler) grade		NA
<b>Vermiculite</b>	Rs./t	2683
<b>Uttar Pradesh</b>		
<b>Diaspore</b>	Rs./t	1074
<b>Pyrophyllite</b>	Rs./t	283
<b>Uttaranchal</b>		
<b>Magnesite</b>	Rs./t	1066
<b>Steatite</b>	Rs./t	
Insecticide (Filler) grade		301
Other than insecticide (Filler) grade		697
<b>West Bengal</b>		
<b>Apatite</b>	Rs./t	1753
<b>Clay (others)</b>	Rs./t	NA
<b>Fireclay</b>	Rs./t	89