

Extract from Monthly Statistics of Mineral Production February 2013 issue.**State wise Average Sale Price of minerals by grades**

for which royalty is chargeable on ad valorem basis not linked to any international benchmark price

Month : February 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
India		Corundum	Rs./kg NA
Bauxite	Rs./t	Corundum (ruby)	Rs./kg NA
Non-Metallurgical		Diamond	Rs./crt 10165
Cement	327	Diaspore	Rs./t 1502
Abrasive	NA	Dunite	Rs./t 800
Refractory	1568	Felspar	Rs./t 278
Others (U)	NA	Fireclay	Rs./t 208
Chromite	Rs./t	Felsite	Rs./t 711
Lumps		Fluorite (graded)	Rs./t
Up to 40% Cr2O3	4002	Up to 30% CaF2	NA
40 - 52% Cr2O3	9000	30-70% CaF2	5184
Above 52% Cr2O3	NA	70-85% CaF2	8405
Fines		Above 85% CaF2	NA
Up to 40% Cr2O3	2398	Garnet (abrasive)	Rs./t 1598
40 - 52% Cr2O3	9119	Garnet (gem)	Rs./kg NA
Above 52% Cr2O3	11316	Graphite (r.o.m.)	Rs./t
Concentrates	7853	With less than 40% fixed carbon	487
Iron Ore (lumps)	Rs./t	With 40% or more fixed carbon	NA
Below 55% Fe	907	Gypsum	Rs./t 474
55 - 58% Fe	2307	Jasper	Rs./t NA
58 - 60% Fe	3594	Kaolin (natural)	Rs./t 190
60 - 62% Fe	4181	Kaolin (processed)	Rs./t 2691
62 - 65% Fe	4899	Kyanite	Rs./t
65% Fe & above	5335	Up to 40% Al2O3	NA
Iron Ore (fines)	Rs./t	Above 40% Al2O3	1700
Below 55% Fe	838	Sillimanite	Rs./t 7240
55 - 58% Fe	1163	Laterite	Rs./t
58 - 60% Fe	2032	Non-Metallurgical	
60 - 62% Fe	2032	Cement	188
62 - 65% Fe	2301	Abrasive	NA
65% Fe & above	2765	Chemical	NA
Iron Ore Conc.	Rs./t 3610	Refractory	NA
Manganese Ore	Rs./t	Others	NA
MnO2	37472	Magnesite	Rs./t 2559
Up to 25% Mn	1837	Marl	Rs./t NA
25 - 35% Mn	4070	Mica (crude)	Rs./kg 26
35 - 46% Mn	9371	Mica (waste & Scrap)	Rs./kg NA
Above 46% Mn	12864	Perlite	Rs./t NA
Agate	Rs./t 500	Pyrites	Rs./t NA
Apatite	Rs./t 2100	Pyrophyllite	Rs./t 656
Phosphorite	Rs./t	Pyroxenite	Rs./t 270
Up to 25% P2O5	328	Quartz	Rs./t 250
25 - 30% P2O5	NA	Quartzite	Rs./t 508
Above 30% P2O5	8500	Silica Sand	Rs./t 228
Asbestos	Rs./t	Sand (others)	Rs./t NA
Amphibole	NA	Salt (rock)	Rs./t NA
Ball Clay	Rs./t 628	Shale	Rs./t 104
Barytes	Rs./t	Steatite	Rs./t
White	3868	Insecticide (Filler) grade	551
Off Colour	4157	Other than insecticide (Filler) grade	1662
Calcite	Rs./t 311	Selenite	Rs./t 1330
Chalk	Rs./t 496	Vermiculite	Rs./t 871
Clay (others)	Rs./t 181		

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

* : Average Sale Price for February 2013, Source - MINERALS & METALS REVIEW, March 2013. Daily average prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production February 2013 issue.**State wise Average Sale Price of minerals by grades**

for which royalty is chargeable on ad valorem basis not linked to any international benchmark price

Month : February 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
Wollastonite	Rs./t 830	Steatite	Rs./t
Aluminium (lme Price)*	\$/mt 2053	Insecticide (Filler) grade	299
Copper (lme Price)*	\$/mt 8070	Other than insecticide (Filler) grade	747
Lead (lme Price)*	\$/mt 2376	Vermiculite	Rs./t 300
Nickel (lme Price)*	\$/mt 17683	Bihar	
Tin (lme Price)*	\$/mt 24326	Mica (crude)	Rs./kg NA
Zinc (lme Price)*	\$/mt 2129	Mica (waste & Scrap)	Rs./kg NA
Silver (lbn Price)*	c/tr oz 3033	Pyrites	Rs./t NA
Gold (lbn Price)*	\$/tr oz 1628	Quartz	Rs./t NA
Andhra Pradesh		Quartzite	Rs./t 450
Iron Ore (lumps)	Rs./t	Steatite	Rs./t
Below 55% Fe	603	Insecticide (Filler) grade	NA
55 - 58% Fe	NA	Chhattisgarh	
58 - 60% Fe	NA	Bauxite	Rs./t
60 - 62% Fe	NA	Non-Metallurgical	
62 - 65% Fe	NA	Abrasive	NA
Iron Ore (fines)	Rs./t	Refractory	NA
Below 55% Fe	350	Iron Ore (lumps)	Rs./t
55 - 58% Fe	NA	Below 55% Fe	NA
60 - 62% Fe	NA	55 - 58% Fe	NA
62 - 65% Fe	NA	58 - 60% Fe	NA
Manganese Ore	Rs./t	60 - 62% Fe	4351
MnO2	NA	62 - 65% Fe	4351
Up to 25% Mn	1189	65% Fe & above	5106
25 - 35% Mn	1930	Iron Ore (fines)	Rs./t
35 - 46% Mn	1930	Below 55% Fe	1330
Above 46% Mn	NA	55 - 58% Fe	1778
Apatite	Rs./t 2100	58 - 60% Fe	1972
Asbestos	Rs./t	60 - 62% Fe	2221
Amphibole	NA	62 - 65% Fe	2480
Ball Clay	Rs./t 572	65% Fe & above	2782
Barytes	Rs./t	Clay (others)	Rs./t NA
White	6857	Quartz	Rs./t 400
Off Colour	4171	Quartzite	Rs./t 703
Calcite	Rs./t NA	Steatite	Rs./t
Clay (others)	Rs./t 108	Insecticide (Filler) grade	NA
Felspar	Rs./t 287	Goa	
Fireclay	Rs./t 232	Bauxite	Rs./t
Garnet (abrasive)	Rs./t 7821	Non-Metallurgical	
Kaolin (natural)	Rs./t 165	Cement	100
Sillimanite	Rs./t 8773	Iron Ore (lumps)	Rs./t
Laterite	Rs./t	Below 55% Fe	NA
Non-Metallurgical		55 - 58% Fe	NA
Cement	149	58 - 60% Fe	NA
Mica (crude)	Rs./kg 26	60 - 62% Fe	NA
Mica (waste & Scrap)	Rs./kg NA	62 - 65% Fe	NA
Pyrophyllite	Rs./t NA	65% Fe & above	NA
Quartz	Rs./t 233	Iron Ore (fines)	Rs./t
Quartzite	Rs./t 425	Below 55% Fe	NA
Silica Sand	Rs./t 182	55 - 58% Fe	NA
Sand (others)	Rs./t NA	58 - 60% Fe	NA
Shale	Rs./t 100	60 - 62% Fe	NA
		62 - 65% Fe	NA

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

* : Average Sale Price for February 2013, Source - MINERALS & METALS REVIEW, March 2013. Daily average prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production February 2013 issue.**State wise Average Sale Price of minerals by grades**

for which royalty is chargeable on ad valorem basis not linked to any international benchmark price

Month : February 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
65% Fe & above	NA	Non-Metallurgical	
Iron Ore Conc.	Rs./t	Cement	NA
Manganese Ore	Rs./t	Iron Ore (lumps)	Rs./t
Up to 25% Mn	NA	Below 55% Fe	2354
25 - 35% Mn	NA	55 - 58% Fe	2356
35 - 46% Mn	NA	58 - 60% Fe	3084
Above 46% Mn	NA	60 - 62% Fe	5447
Laterite	Rs./t	62 - 65% Fe	6008
Non-Metallurgical		65% Fe & above	NA
Cement	NA	Iron Ore (fines)	Rs./t
Pyrophyllite	Rs./t	Below 55% Fe	628
Gujarat		55 - 58% Fe	707
Bauxite	Rs./t	58 - 60% Fe	908
Non-Metallurgical		60 - 62% Fe	1799
Cement	369	62 - 65% Fe	2126
Abrasive	NA	65% Fe & above	NA
Refractory	1550	Manganese Ore	Rs./t
Others (U)	NA	MnO2	NA
Manganese Ore	Rs./t	Up to 25% Mn	NA
Up to 25% Mn	NA	25 - 35% Mn	NA
Agate	Rs./t	35 - 46% Mn	6000
Ball Clay	Rs./t	Above 46% Mn	NA
Chalk	Rs./t	Felspar	Rs./t
Clay (others)	Rs./t	Fireclay	Rs./t
Fireclay	Rs./t	Graphite (r.o.m.)	Rs./t
Fluorite (graded)	Rs./t	With less than 40% fixed carbon	412
Up to 30% CaF2	NA	Kaolin (natural)	Rs./t
Gypsum	Rs./t	Kaolin (processed)	Rs./t
Kaolin (natural)	Rs./t	Kyanite	Rs./t
Kaolin (processed)	Rs./t	Up to 40% Al2O3	NA
Laterite	Rs./t	Above 40% Al2O3	NA
Non-Metallurgical		Laterite	Rs./t
Cement	NA	Non-Metallurgical	
Abrasive	NA	Cement	NA
Chemical	NA	Mica (crude)	Rs./kg
Others	NA	Mica (waste & Scrap)	Rs./kg
Marl	Rs./t	Pyrophyllite	Rs./t
Perlite	Rs./t	Pyroxenite	Rs./t
Pyrophyllite	Rs./t	Quartz	Rs./t
Quartz	Rs./t	Quartzite	Rs./t
Silica Sand	Rs./t	Silica Sand	Rs./t
Steatite	Rs./t	Steatite	Rs./t
Insecticide (Filler) grade	310	Insecticide (Filler) grade	NA
Himachal Pradesh		Karnataka	
Barytes	Rs./t	Bauxite	Rs./t
White	NA	Non-Metallurgical	
Off Colour	NA	Cement	350
Salt (rock)	Rs./t	Chromite	Rs./t
Shale	Rs./t	Lumps	
Jammu & Kashmir		Up to 40% Cr2O3	4002
Gypsum	Rs./t	40 - 52% Cr2O3	NA
Jharkhand		Fines	
Bauxite	Rs./t	Up to 40% Cr2O3	NA

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

* : Average Sale Price for February 2013, Source - MINERALS & METALS REVIEW, March 2013. Daily average prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production February 2013 issue.**State wise Average Sale Price of minerals by grades**

for which royalty is chargeable on ad valorem basis not linked to any international benchmark price

Month : February 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
40 - 52% Cr2O3	NA	Madhya Pradesh	
Concentrates	NA	Bauxite	Rs./t
Iron Ore (lumps)	Rs./t	Non-Metallurgical	
Below 55% Fe	1888	Cement	500
55 - 58% Fe	2559	Refractory	1612
58 - 60% Fe	3647	Iron Ore (lumps)	Rs./t
60 - 62% Fe	3819	Below 55% Fe	516
62 - 65% Fe	4199	55 - 58% Fe	1700
65% Fe & above	4486	58 - 60% Fe	NA
Iron Ore (fines)	Rs./t	60 - 62% Fe	NA
Below 55% Fe	1400	Iron Ore (fines)	Rs./t
55 - 58% Fe	1474	Below 55% Fe	602
58 - 60% Fe	2347	55 - 58% Fe	603
60 - 62% Fe	2434	58 - 60% Fe	NA
62 - 65% Fe	2919	Manganese Ore	Rs./t
65% Fe & above	NA	MnO2	NA
Iron Ore Conc.	Rs./t	Up to 25% Mn	2488
Manganese Ore	Rs./t	25 - 35% Mn	4017
Up to 25% Mn	1926	35 - 46% Mn	9557
25 - 35% Mn	5466	Above 46% Mn	12659
35 - 46% Mn	9371	Phosphorite	Rs./t
Above 46% Mn	NA	Up to 25% P2O5	1104
Clay (others)	Rs./t	25 - 30% P2O5	NA
Dunite	Rs./t	Above 30% P2O5	NA
Felspar	Rs./t	Calcite	Rs./t
Fireclay	Rs./t	650	126
Felsite	Rs./t	Clay (others)	Rs./t
Kaolin (natural)	Rs./t	711	10165
Kaolin (processed)	Rs./t	Diamond	Rs./crt
Kyanite	Rs./t	2700	800
Up to 40% Al2O3	NA	Fireclay	Rs./t
Above 40% Al2O3	NA	123	60
Laterite	Rs./t	Kaolin (natural)	Rs./t
Non-Metallurgical		Laterite	Rs./t
Cement	370	Non-Metallurgical	
Chemical	NA	Cement	258
Refractory	NA	Pyrophyllite	Rs./t
Magnesite	Rs./t	705	NA
4079		Quartz	Rs./t
Quartz	Rs./t	400	NA
369		Shale	Rs./t
Quartzite	Rs./t	Steatite	Rs./t
490		Insecticide (Filler) grade	NA
Silica Sand	Rs./t	Other than insecticide (Filler) grade	NA
385		Vermiculite	Rs./t
Shale	Rs./t	NA	
NA		Maharashtra	
Steatite	Rs./t	Bauxite	Rs./t
Insecticide (Filler) grade	NA	Non-Metallurgical	
Kerala		Cement	NA
Kaolin (natural)	Rs./t	Others (U)	NA
282		Chromite	Rs./t
Kaolin (processed)	Rs./t	Lumps	
5548		Up to 40% Cr2O3	NA
Sillimanite	Rs./t	40 - 52% Cr2O3	NA
9000		Iron Ore (lumps)	Rs./t
Laterite	Rs./t	Below 55% Fe	692
Non-Metallurgical		55 - 58% Fe	3311
Cement	376	58 - 60% Fe	NA
Chemical	NA		
Others	NA		
Silica Sand	Rs./t		
1706			

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

* : Average Sale Price for February 2013, Source - MINERALS & METALS REVIEW, March 2013. Daily average prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production February 2013 issue.**State wise Average Sale Price of minerals by grades**

for which royalty is chargeable on ad valorem basis not linked to any international benchmark price

Month : February 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
60 - 62% Fe	NA	Below 55% Fe	1152
62 - 65% Fe	NA	55 - 58% Fe	1152
Iron Ore (fines)	Rs./t	58 - 60% Fe	1168
Below 55% Fe	685	60 - 62% Fe	1359
55 - 58% Fe	NA	62 - 65% Fe	2051
58 - 60% Fe	NA	65% Fe & above	2264
62 - 65% Fe	NA	Iron Ore Conc.	Rs./t 3610
Manganese Ore	Rs./t	Manganese Ore	Rs./t
MnO2	46149	MnO2	22850
Up to 25% Mn	1937	Up to 25% Mn	1856
25 - 35% Mn	3805	25 - 35% Mn	6552
35 - 46% Mn	10139	35 - 46% Mn	7811
Above 46% Mn	13357	Above 46% Mn	15265
Clay (others)	Rs./t	Corundum (ruby)	Rs./kg NA
Corundum	Rs./kg	Fireclay	Rs./t NA
Fireclay	Rs./t	Garnet (abrasive)	Rs./t 5133
Fluorite (graded)	Rs./t	Graphite (r.o.m.)	Rs./t
30-70% CaF2	5184	With less than 40% fixed carbon	NA
70-85% CaF2	8405	With 40% or more fixed carbon	NA
Above 85% CaF2	NA	Kaolin (processed)	Rs./t NA
Kyanite	Rs./t	Sillimanite	Rs./t 8093
Up to 40% Al2O3	NA	Pyrophyllite	Rs./t NA
Above 40% Al2O3	1700	Pyroxenite	Rs./t NA
Sillimanite	Rs./t	Quartz	Rs./t 653
Laterite	Rs./t	Quartzite	Rs./t NA
Non-Metallurgical		Silica Sand	Rs./t NA
Cement	NA	Steatite	Rs./t
Pyrophyllite	Rs./t	Insecticide (Filler) grade	NA
Quartz	Rs./t	Other than insecticide (Filler) grade	NA
Quartzite	Rs./t	Rajasthan	
Silica Sand	Rs./t	Iron Ore (lumps)	Rs./t
Sand (others)	Rs./t	Below 55% Fe	252
Shale	Rs./t	55 - 58% Fe	NA
Meghalaya		Manganese Ore	Rs./t
Shale	Rs./t	25 - 35% Mn	2500
Odisha		Phosphorite	Rs./t
Chromite	Rs./t	Up to 25% P2O5	277
Lumps		25 - 30% P2O5	NA
Up to 40% Cr2O3	NA	Above 30% P2O5	8500
40 - 52% Cr2O3	9000	Ball Clay	Rs./t 671
Above 52% Cr2O3	NA	Barytes	Rs./t
Fines		White	813
Up to 40% Cr2O3	2398	Off Colour	610
40 - 52% Cr2O3	9119	Calcite	Rs./t 311
Above 52% Cr2O3	11316	Clay (others)	Rs./t 453
Concentrates	7853	Felspar	Rs./t 274
Iron Ore (lumps)	Rs./t	Fireclay	Rs./t 240
Below 55% Fe	2700	Fluorite (graded)	Rs./t
55 - 58% Fe	2700	Up to 30% CaF2	NA
58 - 60% Fe	3953	30-70% CaF2	NA
60 - 62% Fe	3963	70-85% CaF2	NA
62 - 65% Fe	5255	Garnet (abrasive)	Rs./t 920
65% Fe & above	6038	Garnet (gem)	Rs./kg NA
Iron Ore (fines)	Rs./t		

NA : Not Available

lme: London Metal Exchange

t : Tonne

mt : Metric Tonne

(U) : Under Reference

lbn: London Bullion Market

c : Cents

\$: Dollar

tr oz : Troy Ounce

* : Average Sale Price for February 2013, Source - MINERALS & METALS REVIEW, March 2013. Daily average prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production February 2013 issue.**State wise Average Sale Price of minerals by grades**

for which royalty is chargeable on ad valorem basis not linked to any international benchmark price

Month : February 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
Gypsum	Rs./t 475	Kaolin (processed)	Rs./t NA
Jasper	Rs./t NR	Quartz	Rs./t 312
Kaolin (natural)	Rs./t 212	Silica Sand	Rs./t 431
Kaolin (processed)	Rs./t 4150		
Kyanite	Rs./t		
Up to 40% Al ₂ O ₃	NA		
Sillimanite	Rs./t NA		
Magnesite	Rs./t NA		
Mica (crude)	Rs./kg NA		
Mica (waste & Scrap)	Rs./kg NA		
Pyrophyllite	Rs./t 137		
Quartz	Rs./t 238		
Quartzite	Rs./t 150		
Silica Sand	Rs./t 457		
Steatite	Rs./t		
Insecticide (Filler) grade	251		
Other than insecticide (Filler) grade	1648		
Selenite	Rs./t 1330		
Vermiculite	Rs./t NA		
Wollastonite	Rs./t 830		
Tamil Nadu			
Ball Clay	Rs./t NA		
Clay (others)	Rs./t NA		
Dunite	Rs./t 800		
Felspar	Rs./t 367		
Fireclay	Rs./t 157		
Garnet (abrasive)	Rs./t 453		
Graphite (r.o.m.)	Rs./t		
With less than 40% fixed carbon	535		
Magnesite	Rs./t 2554		
Marl	Rs./t NA		
Quartz	Rs./t 1067		
Silica Sand	Rs./t NA		
Steatite	Rs./t		
Insecticide (Filler) grade	NA		
Vermiculite	Rs./t 2240		
Uttar Pradesh			
Diaspore	Rs./t 1638		
Pyrophyllite	Rs./t 372		
Silica Sand	Rs./t 200		
Uttarakhand			
Magnesite	Rs./t 1267		
Steatite	Rs./t		
Insecticide (Filler) grade	1626		
Other than insecticide (Filler) grade	2790		
West Bengal			
Apatite	Rs./t NA		
Clay (others)	Rs./t NA		
Felspar	Rs./t 120		
Fireclay	Rs./t 183		
Kaolin (natural)	Rs./t 150		

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

* : Average Sale Price for February 2013, Source - MINERALS & METALS REVIEW, March 2013. Daily average prices have been taken for Gold & Silver.