

Extract from Monthly Statistics of Mineral Production July 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 : July 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
India		Clay (others)	Rs./t 184
Bauxite	Rs./t	Corundum	Rs./kg NA
Non-Metallurgical		Corundum (ruby)	Rs./kg NA
Cement	353	Diamond	Rs./crt 16376
Abrasive	NA	Diaspore	Rs./t 1761
Refractory	1985	Dunite	Rs./t 690
Others (U)	NA	Felspar	Rs./t 293
Chemical	700	Fireclay	Rs./t 259
Chromite	Rs./t	Felsite	Rs./t 781
Lumps		Flint Stone	Rs./t 200
Up to 40% Cr2O3	4062	Fluorite (graded)	Rs./t
40 - 52% Cr2O3	NA	Up to 30% CaF2	NA
Above 52% Cr2O3	NA	30-70% CaF2	NA
Fines		70-85% CaF2	NA
Up to 40% Cr2O3	2577	Above 85% CaF2	NA
40 - 52% Cr2O3	11263	Garnet (abrasive)	Rs./t 1438
Above 52% Cr2O3	13889	Garnet (gem)	Rs./kg NA
Concentrates	10121	Graphite (r.o.m.)	Rs./t
Iron Ore (lumps)	Rs./t	With less than 40% fixed carbon	476
Below 55% Fe	1224	With 40% or more fixed carbon	NA
55 - 58% Fe	1942	Gypsum	Rs./t 475
58 - 60% Fe	3244	Jasper	Rs./t NA
60 - 62% Fe	3244	Kaolin (natural)	Rs./t 241
62 - 65% Fe	4522	Kaolin (processed)	Rs./t 2264
65% Fe & above	4546	Kyanite	Rs./t
Iron Ore (fines)	Rs./t	Up to 40% Al2O3	1500
Below 55% Fe	730	Above 40% Al2O3	NA
55 - 58% Fe	1588	Sillimanite	Rs./t 5963
58 - 60% Fe	1588	Laterite	Rs./t
60 - 62% Fe	1639	Non-Metallurgical	
62 - 65% Fe	1943	Cement	177
65% Fe & above	2653	Abrasive	365
Iron Ore Conc.	Rs./t NA	Chemical	NA
Manganese Ore	Rs./t	Refractory	NA
MnO2	29269	Others (U)	NA
Up to 25% Mn	2536	Magnesite	Rs./t 2599
25 - 35% Mn	4731	Marl	Rs./t NA
35 - 46% Mn	9651	Mica (crude)	Rs./kg 25
Above 46% Mn	13877	Mica (waste & Scrap)	Rs./kg NA
Agate	Rs./t NA	Moulding Sand	Rs./t 120
Apatite	Rs./t 2110	Perlite	Rs./t NA
Phosphorite	Rs./t	Pyrites	Rs./t NA
Up to 25% P2O5	279	Pyrophyllite	Rs./t 728
25 - 30% P2O5	NA	Pyroxenite	Rs./t NA
Above 30% P2O5	8500	Quartz	Rs./t 245
Asbestos	Rs./t	Quartzite	Rs./t 568
Amphibole	NA	Silica Sand	Rs./t 284
Ball Clay	Rs./t 478	Sand (others)	Rs./t NA
Barytes	Rs./t	Salt (rock)	Rs./t NA
White	3446	Shale	Rs./t 129
Off Colour	3172	Slate	Rs./t 945
Calcite	Rs./t 365	Steatite	Rs./t
Chalk	Rs./t 641		

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 July 2013, Source - MINERALS & METALS REVIEW, August 2013. Daily average prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production July 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 : July 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
Insecticide (Filler) grade	297	Silica Sand	Rs./t 169
Other than insecticide (Filler) grade	1458	Sand (others)	Rs./t NA
Selenite	Rs./t 1331	Shale	Rs./t 129
Vermiculite	Rs./t 1382	Steatite	Rs./t
Wollastonite	Rs./t 784	Insecticide (Filler) grade	259
Aluminium (lme Price)*	\$/mt 1768	Other than insecticide (Filler) grade	907
Copper (lme Price)*	\$/mt 6893	Vermiculite	Rs./t 307
Lead (lme Price)*	\$/mt 2048	Bihar	
Nickel (lme Price)*	\$/mt 13705	Mica (waste & Scrap)	Rs./kg NA
Tin (lme Price)*	\$/mt 19589	Pyrites	Rs./t NA
Zinc (lme Price)*	\$/mt 1836	Quartz	Rs./t NA
Silver (lme Price)*	c/tr oz 1971	Quartzite	Rs./t 435
Gold (lme Price)*	\$/tr oz 1287	Steatite	Rs./t
Andhra Pradesh		Insecticide (Filler) grade	NA
Iron Ore (lumps)	Rs./t	Chhattisgarh	
Below 55% Fe	841	Bauxite	Rs./t
55 - 58% Fe	NA	Non-Metallurgical	
58 - 60% Fe	NA	Abrasive	NA
60 - 62% Fe	NA	Refractory	NA
62 - 65% Fe	NA	Iron Ore (lumps)	Rs./t
Iron Ore (fines)	Rs./t	Below 55% Fe	NA
Below 55% Fe	375	55 - 58% Fe	NA
55 - 58% Fe	NA	58 - 60% Fe	NA
60 - 62% Fe	NA	60 - 62% Fe	NA
62 - 65% Fe	NA	62 - 65% Fe	3987
Manganese Ore	Rs./t	65% Fe & above	4453
MnO2	NA	Iron Ore (fines)	Rs./t
Up to 25% Mn	1959	Below 55% Fe	NA
25 - 35% Mn	1949	55 - 58% Fe	NA
35 - 46% Mn	1813	58 - 60% Fe	1990
Above 46% Mn	NA	60 - 62% Fe	2179
Apatite	Rs./t 2110	62 - 65% Fe	2440
Asbestos	Rs./t	65% Fe & above	2665
Amphibole	NA	Clay (others)	Rs./t NA
Ball Clay	Rs./t 411	Moulding Sand	Rs./t 120
Barytes	Rs./t	Quartz	Rs./t 350
White	7679	Quartzite	Rs./t 1050
Off Colour	3182	Steatite	Rs./t
Clay (others)	Rs./t 114	Insecticide (Filler) grade	NA
Felspar	Rs./t 311	Goa	
Fireclay	Rs./t 173	Bauxite	Rs./t
Garnet (abrasive)	Rs./t 7868	Non-Metallurgical	
Kaolin (natural)	Rs./t 191	Cement	NA
Sillimanite	Rs./t NA	Iron Ore (lumps)	Rs./t
Laterite	Rs./t	Below 55% Fe	NA
Non-Metallurgical		55 - 58% Fe	NA
Cement	151	58 - 60% Fe	NA
Mica (crude)	Rs./kg 25	60 - 62% Fe	NA
Mica (waste & Scrap)	Rs./kg NA	62 - 65% Fe	NA
Pyrophyllite	Rs./t 800	65% Fe & above	NA
Quartz	Rs./t 230	Iron Ore (fines)	Rs./t
Quartzite	Rs./t 487	Below 55% Fe	NA
		55 - 58% Fe	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 July 2013, Source - MINERALS & METALS REVIEW, August 2013. Daily average prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production July 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 : July 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
58 - 60% Fe	NA	Below 55% Fe	2098
60 - 62% Fe	NA	55 - 58% Fe	2698
62 - 65% Fe	NA	58 - 60% Fe	3243
65% Fe & above	NA	60 - 62% Fe	4142
Iron Ore Conc.	Rs./t	62 - 65% Fe	5194
Manganese Ore	Rs./t	65% Fe & above	NA
Up to 25% Mn	NA	Iron Ore (fines)	Rs./t
25 - 35% Mn	NA	Below 55% Fe	640
35 - 46% Mn	NA	55 - 58% Fe	707
Above 46% Mn	NA	58 - 60% Fe	1280
Gujarat		60 - 62% Fe	1280
Bauxite	Rs./t	62 - 65% Fe	2132
Non-Metallurgical		65% Fe & above	NA
Cement	352	Manganese Ore	Rs./t
Abrasive	NA	MnO2	NA
Refractory	1550	Up to 25% Mn	2500
Others (U)	NA	25 - 35% Mn	4542
Manganese Ore	Rs./t	35 - 46% Mn	NA
Up to 25% Mn	NA	Above 46% Mn	15000
Agate	Rs./t	Felspar	Rs./t
Ball Clay	Rs./t	Fireclay	Rs./t
Chalk	Rs./t	Flint Stone	Rs./t
Clay (others)	Rs./t	Graphite (r.o.m.)	Rs./t
Fireclay	Rs./t	With less than 40% fixed carbon	424
Fluorite (graded)	Rs./t	Kaolin (natural)	Rs./t
Up to 30% CaF2	NA	Kaolin (processed)	Rs./t
Gypsum	Rs./t	Kyanite	Rs./t
Kaolin (natural)	Rs./t	Up to 40% Al2O3	NA
Kaolin (processed)	Rs./t	Above 40% Al2O3	NA
Laterite	Rs./t	Laterite	Rs./t
Non-Metallurgical		Non-Metallurgical	
Cement	NA	Cement	NA
Abrasive	NA	Mica (crude)	Rs./kg
Chemical	NA	Mica (waste & Scrap)	Rs./kg
Others (U)	NA	Pyroxenite	Rs./t
Marl	Rs./t	Quartz	Rs./t
Perlite	Rs./t	Quartzite	Rs./t
Quartz	Rs./t	Silica Sand	Rs./t
Silica Sand	Rs./t	Steatite	Rs./t
Steatite	Rs./t	Insecticide (Filler) grade	NA
Insecticide (Filler) grade	NA	Karnataka	
Haryana		Bauxite	Rs./t
Slate	Rs./t	Non-Metallurgical	
Himachal Pradesh		Cement	NA
Salt (rock)	Rs./t	Chromite	Rs./t
Shale	Rs./t	Lumps	
Jammu & Kashmir		Up to 40% Cr2O3	4062
Gypsum	Rs./t	40 - 52% Cr2O3	NA
Jharkhand		Fines	
Bauxite	Rs./t	Up to 40% Cr2O3	NA
Non-Metallurgical		40 - 52% Cr2O3	NA
Cement	NA	Concentrates	NA
Iron Ore (lumps)	Rs./t	Iron Ore (lumps)	Rs./t

NA : Not Available

lme: London Metal Exchange

t : Tonne mt : Metric Tonne

(U) : Under Reference

lhm: London Bullion Market

c : Cents

\$: Dollar

tr oz : Troy Ounce

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

Extract from Monthly Statistics of Mineral Production July 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 : July 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
Below 55% Fe	595	Below 55% Fe	523
55 - 58% Fe	2000	55 - 58% Fe	NA
58 - 60% Fe	2619	58 - 60% Fe	NA
60 - 62% Fe	3224	60 - 62% Fe	NA
62 - 65% Fe	3883	Iron Ore (fines)	Rs./t
65% Fe & above	3883	Below 55% Fe	523
Iron Ore (fines)	Rs./t	55 - 58% Fe	950
Below 55% Fe	1720	58 - 60% Fe	NA
55 - 58% Fe	1927	Manganese Ore	Rs./t
58 - 60% Fe	1968	MnO2	NA
60 - 62% Fe	2042	Up to 25% Mn	3134
62 - 65% Fe	2801	25 - 35% Mn	3504
65% Fe & above	NA	35 - 46% Mn	9756
Iron Ore Conc.	Rs./t	Above 46% Mn	13900
Manganese Ore	Rs./t	Phosphorite	Rs./t
Up to 25% Mn	2330	Up to 25% P2O5	1017
25 - 35% Mn	5758	25 - 30% P2O5	NA
35 - 46% Mn	NA	Above 30% P2O5	NA
Above 46% Mn	NA	Calcite	Rs./t
Clay (others)	Rs./t	NA	NA
Dunite	Rs./t	Clay (others)	Rs./t
Felspar	Rs./t	NA	140
Fireclay	Rs./t	Diamond	Rs./crt
Felsite	Rs./t	NA	16376
Kaolin (natural)	Rs./t	Diaspore	Rs./t
Kaolin (processed)	Rs./t	NA	800
Laterite	Rs./t	Fireclay	Rs./t
Non-Metallurgical		NA	598
Cement	NA	Kaolin (natural)	Rs./t
Chemical	NA	Laterite	Rs./t
Refractory	NA	Non-Metallurgical	
Magnesite	Rs./t	Cement	222
Quartz	Rs./t	Pyrophyllite	Rs./t
Quartzite	Rs./t	NA	769
Silica Sand	Rs./t	Quartz	Rs./t
Shale	Rs./t	NA	NA
Kerala		Shale	Rs./t
Kaolin (natural)	Rs./t	Steatite	Rs./t
Kaolin (processed)	Rs./t	Insecticide (Filler) grade	NA
Sillimanite	Rs./t	Other than insecticide (Filler) grade	NA
Laterite	Rs./t	Maharashtra	
Non-Metallurgical		Bauxite	Rs./t
Cement	481	Non-Metallurgical	
Abrasive	365	Cement	NA
Chemical	NA	Others (U)	NA
Others (U)	NA	Iron Ore (lumps)	Rs./t
Silica Sand	Rs./t	Below 55% Fe	1161
Madhya Pradesh		55 - 58% Fe	2556
Bauxite	Rs./t	58 - 60% Fe	NA
Non-Metallurgical		60 - 62% Fe	2630
Cement	555	62 - 65% Fe	NA
Refractory	2048	Iron Ore (fines)	Rs./t
Chemical	700	Below 55% Fe	1015
Iron Ore (lumps)	Rs./t	55 - 58% Fe	NA
		58 - 60% Fe	NA
		62 - 65% Fe	NA
		Manganese Ore	Rs./t
		MnO2	24995
		Up to 25% Mn	1250
		25 - 35% Mn	4874

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 July 2013, Source - MINERALS & METALS REVIEW, August 2013. Daily average prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production July 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 : July 2013**

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
35 - 46% Mn	10307	Garnet (abrasive)	Rs./t 5572
Above 46% Mn	13452	Graphite (r.o.m.)	Rs./t
Corundum	Rs./kg NA	With less than 40% fixed carbon	619
Fireclay	Rs./t 150	With 40% or more fixed carbon	NA
Fluorite (graded)	Rs./t	Kaolin (processed)	Rs./t NA
30-70% CaF2	NA	Sillimanite	Rs./t 6569
70-85% CaF2	NA	Pyrophyllite	Rs./t NA
Above 85% CaF2	NA	Pyroxenite	Rs./t NA
Kyanite	Rs./t	Quartz	Rs./t 570
Up to 40% Al2O3	1500	Quartzite	Rs./t NA
Above 40% Al2O3	NA	Rajasthan	
Sillimanite	Rs./t 1500	Iron Ore (lumps)	Rs./t
Laterite	Rs./t	Below 55% Fe	252
Non-Metallurgical		55 - 58% Fe	NA
Cement	NA	Manganese Ore	Rs./t
Pyrophyllite	Rs./t NA	25 - 35% Mn	NA
Quartz	Rs./t 350	Phosphorite	Rs./t
Quartzite	Rs./t 927	Up to 25% P2O5	277
Silica Sand	Rs./t 554	25 - 30% P2O5	NA
Sand (others)	Rs./t NA	Above 30% P2O5	8500
Shale	Rs./t NA	Ball Clay	Rs./t 484
Odisha		Barytes	Rs./t
Chromite	Rs./t	White	813
Lumps		Off Colour	610
Up to 40% Cr2O3	NA	Calcite	Rs./t 365
40 - 52% Cr2O3	NA	Clay (others)	Rs./t 664
Above 52% Cr2O3	NA	Felspar	Rs./t 285
Fines		Fireclay	Rs./t 333
Up to 40% Cr2O3	2577	Fluorite (graded)	Rs./t
40 - 52% Cr2O3	11263	Up to 30% CaF2	NA
Above 52% Cr2O3	13889	30-70% CaF2	NA
Concentrates	10121	70-85% CaF2	NA
Iron Ore (lumps)	Rs./t	Garnet (abrasive)	Rs./t 920
Below 55% Fe	2475	Garnet (gem)	Rs./kg NA
55 - 58% Fe	2475	Gypsum	Rs./t 475
58 - 60% Fe	3868	Jasper	Rs./t NA
60 - 62% Fe	3868	Kaolin (natural)	Rs./t 356
62 - 65% Fe	4708	Kaolin (processed)	Rs./t 5137
65% Fe & above	5667	Mica (crude)	Rs./kg NA
Iron Ore (fines)	Rs./t	Mica (waste & Scrap)	Rs./kg NA
Below 55% Fe	906	Pyrophyllite	Rs./t 250
55 - 58% Fe	1224	Quartz	Rs./t 248
58 - 60% Fe	1224	Quartzite	Rs./t 300
60 - 62% Fe	1380	Silica Sand	Rs./t 392
62 - 65% Fe	1571	Steatite	Rs./t
65% Fe & above	1881	Insecticide (Filler) grade	304
Iron Ore Conc.	Rs./t NA	Other than insecticide (Filler) grade	1485
Manganese Ore	Rs./t	Selenite	Rs./t 1331
MnO2	29274	Wollastonite	Rs./t 784
Up to 25% Mn	2853	Tamil Nadu	
25 - 35% Mn	7828	Ball Clay	Rs./t NA
35 - 46% Mn	12155	Clay (others)	Rs./t NA
Above 46% Mn	17148		
Corundum (ruby)	Rs./kg 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 July 2013, Source - MINERALS & METALS REVIEW, August 2013. Daily average prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production July 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 : July 2013**

State / Mineral / Grades	Avg. Price	
Dunite	Rs./t	690
Felspar	Rs./t	327
Fireclay	Rs./t	241
Garnet (abrasive)	Rs./t	385
Graphite (r.o.m.)	Rs./t	
With less than 40% fixed carbon		NA
Gypsum	Rs./t	390
Magnesite	Rs./t	2624
Marl	Rs./t	NA
Quartz	Rs./t	1096
Silica Sand	Rs./t	1200
Steatite	Rs./t	
Insecticide (Filler) grade		NA
Vermiculite	Rs./t	2236
Uttar Pradesh		
Diaspore	Rs./t	1869
Pyrophyllite	Rs./t	367
Silica Sand	Rs./t	NA
Uttarakhand		
Magnesite	Rs./t	1268
Steatite	Rs./t	
Insecticide (Filler) grade		NA
Other than insecticide (Filler) grade		NA
West Bengal		
Apatite	Rs./t	NA
Felspar	Rs./t	139
Fireclay	Rs./t	226
Kaolin (natural)	Rs./t	597
Kaolin (processed)	Rs./t	1453
Moulding Sand	Rs./t	NA
Quartz	Rs./t	312
Quartzite	Rs./t	275
Silica Sand	Rs./t	425

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 July 2013, Source - MINERALS & METALS REVIEW, August 2013. Daily average prices have been taken for Gold & Silver.