

Extract from Monthly Statistics of Mineral Production January 2016 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 : January 2016

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
India		Moulding Sand	Rs./t 217
Bauxite	Rs./t	Perlite	Rs./t NA
Non-Metallurgical		Pyrites	Rs./t NA
Cement	401	Salt (rock)	Rs./t NA
Abrasive	1483	Selenite	Rs./t 2240
Refractory	935	Vermiculite	Rs./t 491
Chemical	NA	Wollastonite	Rs./t 818
Chromite	Rs./t	Aluminium (Ime Price)*	\$/mt 1479
Lumps		Copper (Ime Price)*	\$/mt 4463
Below 40% Cr2O3	6020	Lead (Ime Price)*	\$/mt 1647
40% to below 52% Cr2O3	NA	Nickel (Ime Price)*	\$/mt 8483
52% Cr2O3 and above	NA	Tin (Ime Price)*	\$/mt 13777
Fines		Zinc (Ime Price)*	\$/mt 1512
Below 40% Cr2O3	2258	Silver (lbn Price)*	c/tr oz 1402
40% to below 52% Cr2O3	7257	Gold (lbn Price)*	\$/tr oz 1097
52% Cr2O3 and above	9848	Andhra Pradesh	
Concentrates	8729	Iron Ore (lumps)	Rs./t
Iron Ore (lumps)	Rs./t	Below 55% Fe	663
Below 55% Fe	950	55% to below 58% Fe	NA
55% to below 58% Fe	1654	58% to below 60% Fe	NA
58% to below 60% Fe	1654	60% to below 62% Fe	NA
60% to below 62% Fe	1654	62% to below 65% Fe	NA
62% to below 65% Fe	1823	Iron Ore (fines)	Rs./t
65% Fe and above	2230	Below 55% Fe	349
Iron Ore (fines)	Rs./t	55% to below 58% Fe	NA
Below 55% Fe	578	60% to below 62% Fe	NA
55% to below 58% Fe	619	62% to below 65% Fe	NA
58% to below 60% Fe	890	Manganese Ore	Rs./t
60% to below 62% Fe	953	Dioxide ore	NA
62% to below 65% Fe	1454	Below 25% Mn	1326
65% Fe and above	1635	25% to below 35% Mn	1706
Iron Ore Conc.	Rs./t 2217	35% to below 46% Mn	3994
Manganese Ore	Rs./t	46% Mn and above	NA
Dioxide ore	21300	Apatite	Rs./t NA
Below 25% Mn	1335	Asbestos	Rs./t
25% to below 35% Mn	2787	Amphibole	NA
35% to below 46% Mn	5377	Garnet (abrasive)	Rs./t 8740
46% Mn and above	6879	Sillimanite	Rs./t 8316
Apatite	Rs./t NA	Vermiculite	Rs./t 300
Phosphorite	Rs./t	Bihar	
Below 25% P2O5	493	Pyrites	Rs./t NA
25% to below 30% P2O5	NA	Chhattisgarh	
30% P2O5 and above	5761	Bauxite	Rs./t
Asbestos	Rs./t	Non-Metallurgical	
Amphibole	NA	Abrasive	NA
Diamond	Rs./crt 16346	Refractory	NA
Flint Stone	Rs./t 300	Iron Ore (lumps)	Rs./t
Fluorite (graded)	Rs./t	Below 55% Fe	NA
Below 30% CaF2	NA	55% to below 58% Fe	NA
30% to below 70% CaF2	5082	58% to below 60% Fe	NA
70% to below 85% CaF2	9725	60% to below 62% Fe	NA
85% CaF2 and above	NA	62% to below 65% Fe	1479
Garnet (abrasive)	Rs./t 8333	65% Fe and above	2246
Garnet (gem)	Rs./kg NA	Iron Ore (fines)	Rs./t
Kyanite	Rs./t	Below 55% Fe	NA
Below 40% Al2O3	2000	55% to below 58% Fe	NA
40% Al2O3 and above	6492	58% to below 60% Fe	NA
Sillimanite	Rs./t 6959	60% to below 62% Fe	1286
Magnesite	Rs./t 2994	62% to below 65% Fe	1705

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 January 2016, Source - MINERALS & METALS REVIEW, February 2016. Average of the daily prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production January 2016 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 : January 2016

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
65% Fe and above	1705	62% to below 65% Fe	1890
Fluorite (graded)	Rs./t	65% Fe and above	NA
85% CaF ₂ and above	NA	Manganese Ore	Rs./t
Moulding Sand	Rs./t	Dioxide ore	NA
Goa		Below 25% Mn	NA
Bauxite	Rs./t	25% to below 35% Mn	6500
Non-Metallurgical		35% to below 46% Mn	NA
Cement	NA	46% Mn and above	NA
Iron Ore (lumps)	Rs./t	Flint Stone	Rs./t
Below 55% Fe	788	Kyanite	Rs./t
55% to below 58% Fe	2250	Below 40% Al ₂ O ₃	NA
58% to below 60% Fe	NA	40% Al ₂ O ₃ and above	NA
60% to below 62% Fe	2391	Karnataka	
62% to below 65% Fe	NA	Bauxite	Rs./t
65% Fe and above	NA	Non-Metallurgical	
Iron Ore (fines)	Rs./t	Cement	NA
Below 55% Fe	540	Chromite	Rs./t
55% to below 58% Fe	682	Lumps	
58% to below 60% Fe	1147	Below 40% Cr ₂ O ₃	6020
60% to below 62% Fe	1159	40% to below 52% Cr ₂ O ₃	NA
62% to below 65% Fe	1468	Fines	
65% Fe and above	NA	Below 40% Cr ₂ O ₃	NA
Iron Ore Conc.	Rs./t	40% to below 52% Cr ₂ O ₃	NA
Manganese Ore	Rs./t	Concentrates	NA
Below 25% Mn	NA	Iron Ore (lumps)	Rs./t
25% to below 35% Mn	NA	Below 55% Fe	405
35% to below 46% Mn	NA	55% to below 58% Fe	2048
46% Mn and above	NA	58% to below 60% Fe	2048
Gujarat		60% to below 62% Fe	2048
Bauxite	Rs./t	62% to below 65% Fe	2048
Non-Metallurgical		65% Fe and above	2048
Cement	367	Iron Ore (fines)	Rs./t
Abrasive	1483	Below 55% Fe	420
Refractory	753	55% to below 58% Fe	420
Chemical	NA	58% to below 60% Fe	929
Manganese Ore	Rs./t	60% to below 62% Fe	1044
Below 25% Mn	347	62% to below 65% Fe	1312
Fluorite (graded)	Rs./t	65% Fe and above	1688
Below 30% CaF ₂	NA	Iron Ore Conc.	Rs./t
Perlite	Rs./t	Manganese Ore	Rs./t
Himachal Pradesh		Below 25% Mn	1017
Salt (rock)	Rs./t	25% to below 35% Mn	2823
Jharkhand		35% to below 46% Mn	4254
Bauxite	Rs./t	46% Mn and above	NA
Non-Metallurgical		Kyanite	Rs./t
Cement	NA	40% Al ₂ O ₃ and above	NA
Refractory	440	Magnesite	Rs./t
Iron Ore (lumps)	Rs./t	Kerala	
Below 55% Fe	1157	Sillimanite	Rs./t
55% to below 58% Fe	1559	Madhya Pradesh	
58% to below 60% Fe	1559	Bauxite	Rs./t
60% to below 62% Fe	1559	Non-Metallurgical	
62% to below 65% Fe	2244	Cement	638
65% Fe and above	NA	Refractory	2435
Iron Ore (fines)	Rs./t	Chemical	NA
Below 55% Fe	410	Iron Ore (lumps)	Rs./t
55% to below 58% Fe	753	Below 55% Fe	313
58% to below 60% Fe	753	55% to below 58% Fe	NA
60% to below 62% Fe	753	58% to below 60% Fe	NA
		60% to below 62% Fe	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 January 2016, Source - MINERALS & METALS REVIEW, February 2016. Average of the daily prices have been taken for Gold & Silver.

Extract from Monthly Statistics of Mineral Production January 2016 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 : January 2016

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
Below 55% Fe	464	60% to below 62% Fe	1406
55% to below 58% Fe	NA	62% to below 65% Fe	1910
58% to below 60% Fe	NA	65% Fe and above	2563
60% to below 62% Fe	NA	Iron Ore (fines)	Rs./t
Manganese Ore	Rs./t	Below 55% Fe	754
Dioxide ore	NA	55% to below 58% Fe	846
Below 25% Mn	1260	58% to below 60% Fe	846
25% to below 35% Mn	2387	60% to below 62% Fe	891
35% to below 46% Mn	3942	62% to below 65% Fe	1399
46% Mn and above	6538	65% Fe and above	1548
Phosphorite	Rs./t	Iron Ore Conc.	Rs./t
Below 25% P2O5	832	Manganese Ore	Rs./t
25% to below 30% P2O5	NA	Dioxide ore	21300
30% P2O5 and above	NA	Below 25% Mn	2038
Diamond	Rs./crt	25% to below 35% Mn	3820
Maharashtra		35% to below 46% Mn	11535
Bauxite	Rs./t	46% Mn and above	13661
Non-Metallurgical		Garnet (abrasive)	Rs./t
Cement	280	Sillimanite	Rs./t
Iron Ore (lumps)	Rs./t	Rajasthan	
Below 55% Fe	2280	Iron Ore (lumps)	Rs./t
55% to below 58% Fe	2280	Below 55% Fe	409
58% to below 60% Fe	NA	55% to below 58% Fe	NA
60% to below 62% Fe	2280	Iron Ore (fines)	Rs./t
62% to below 65% Fe	NA	Below 55% Fe	150
Iron Ore (fines)	Rs./t	Manganese Ore	Rs./t
Below 55% Fe	769	25% to below 35% Mn	NA
55% to below 58% Fe	NA	Phosphorite	Rs./t
58% to below 60% Fe	1105	Below 25% P2O5	489
60% to below 62% Fe	NA	25% to below 30% P2O5	NA
62% to below 65% Fe	NA	30% P2O5 and above	5761
Manganese Ore	Rs./t	Fluorite (graded)	Rs./t
Dioxide ore	NA	Below 30% CaF2	NA
Below 25% Mn	2278	30% to below 70% CaF2	NA
25% to below 35% Mn	2602	70% to below 85% CaF2	NA
35% to below 46% Mn	5430	Garnet (abrasive)	Rs./t
46% Mn and above	8440	Garnet (gem)	Rs./kg
Fluorite (graded)	Rs./t	Selenite	Rs./t
30% to below 70% CaF2	5082	Wollastonite	Rs./t
70% to below 85% CaF2	9725	Tamil Nadu	
85% CaF2 and above	NA	Bauxite	Rs./t
Kyanite	Rs./t	Non-Metallurgical	
Below 40% Al2O3	2000	Cement	NA
40% Al2O3 and above	6492	Garnet (abrasive)	Rs./t
Sillimanite	Rs./t	Magnesite	Rs./t
Odisha		Vermiculite	Rs./t
Chromite	Rs./t	Telangana	
Lumps		Manganese Ore	Rs./t
Below 40% Cr2O3	NA	Below 25% Mn	1627
40% to below 52% Cr2O3	NA	Uttarakhand	
52% Cr2O3 and above	NA	Magnesite	Rs./t
Fines		West Bengal	
Below 40% Cr2O3	2258	Apatite	Rs./t
40% to below 52% Cr2O3	7257	Moulding Sand	Rs./t
52% Cr2O3 and above	9848		NA
Concentrates	8729		
Iron Ore (lumps)	Rs./t		
Below 55% Fe	643		
55% to below 58% Fe	1085		
58% to below 60% Fe	1281		

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 January 2016, Source - MINERALS & METALS REVIEW, February 2016. Average of the daily prices have been taken for Gold & Silver.