

PRICES



Indian Minerals Yearbook 2013

(Part- I : GENERAL REVIEWS)

52nd Edition

PRICES

(FINAL RELEASE)

**GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES**

Indira Bhavan, Civil Lines,
NAGPUR – 440 001

PHONE/FAX NO. (0712) 2565471
PBX : (07 12) 2562649, 2560544, 2560648
E-MAIL : cme@ibm.gov.in
Website: www.ibm.gov.in

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1. MINERALS

1.1 Domestic Markets

Fuel Minerals

The Free on Road (f.o.r.) colliery railway siding prices during 2012-13 for various grades of coking coal remain unchanged as that in the previous year. The f.o.r. colliery railway siding prices of different grades of coking coal (run of mine) in respect of Bharat Coking Coal Ltd, Central Coalfields Ltd and Western Coalfields Ltd remain unchanged. Prices of non-coking coal - long flame coal (run of mine) of A and B grade in respect of South Eastern Coalfields Ltd also remain unchanged. Whereas prices of C and D grade increased by 17.7% and 18% respectively. Prices of Northern Coalfields Ltd. increased by 11.1% each for A and B grade, 50.9 % for C grade and 52.2% for D grade. Prices of Mahanadi Coal Ltd. increased for all grades. Prices of A and B grade increased by 11.1% each, C and D grade increased by 45.7% and 48.9% respectively. Prices of different grades of non-coking coal - non - long flame coal (run of mine) of South Eastern Coalfields Ltd and Western Coalfield Ltd remain unchanged. The f.o.r. colliery railway siding prices of all varieties of semi-coking and Weakly coking coal (run of mine) in respect of South Eastern Coalfields Ltd and Eastern Coalfields Ltd (Ranigunj) also remain unchanged.

The basic prices of indigenous petroleum (crude) in 2012-13, which are exclusive of royalty, cess, sales tax and other charges were on higher side as compared to 2011-12. The rise was about 6.1 % in respect of on shore crude prices and about 7.5% in respect of off shore crude prices. The average c.i.f. price of imported petroleum (crude) at Indian port was quoted at about 9.1% higher level as compared to previous year.

The prices of various varieties of coking coal, non-coking coal and semi-coking coal, off shore and on shore prices of domestic petroleum (crude) as well as average Cost, Insurance and Freight (c.i.f.) price (on Indian ports) of imported petroleum (crude) for the years 2010-11 to 2012-13 are given in Table - 1.

Metallic Minerals

Among the metallic minerals the ex-mine prices of metal grade and refractory grade of Tikuri Road side Bauxite Mine (Madhya Pradesh) have increased by 26 % and 63 % respectively. Similarly the ex-mine price of Jamnagar (Gujarat) has increased by 5% and 89% in PG and NPG grade respectively.

Ex-mine prices for 44-45.99% Cr₂O₃ grade of Chromite for OMC Ltd mines in Odisha have increased from ₹ 10731-12867 in 2011-12 to ₹ 13023-13723 in 2012-13. The range for Ex-mine prices for other grades has increased for most of the grades of Chromite for OMC Ltd Prices of all reporting grades of Mysore Minerals Ltd. (Karnataka) were at the same level in 2012-13 as compared to previous year.

Ex-factory Malanjkhand (Madhya Pradesh) prices of Copper concentrates have registered an increase of 10% in current year as compared to previous year.

Ex-mine prices of Iron Ore fines 0 to -5 mm ex-mine Khursipar (Maharashtra), f.o.r Baila r.o.m. 65.5% Fe (10-150 mm), Baila lumps 65% Fe (6-40 mm) in Kirandul (Andhra Pradesh), +65% Fe lumps of ex-mine Koira OMC Ltd (Odisha), 62-65 lumps Thakurani (Odisha) ex-mine price for all grades of Jambunatha (Odisha), OMMML (Odisha) and Sandur (Karnataka) have increased as compared to previous year. Whereas Baila fine 64% Fe (-10mm) f.o.r. Kirandul (Andhra Pradesh), DRCL Fe 67% (10-40 mm) f.o.r. Bachel (Andhra Pradesh), +62% Fe CLO (10-40 mm) ex-mine Barbil, +65% Fe CLO (5-18 mm) ex-mine Gandhamardan, +62% Fe CLO (10-40 mm) ex-mine Koira, and +62% Fe CLO Daitari, OMC Ltd (Odisha) have reported mixed trend.

Ex-mine prices of Manganese ore 24-26% Mn, 26-28% Mn, 28-30% Mn and 32-34% Mn grades of ex-mine Sandur (Karnataka), ex-mine prices of MOIL for 25-35% Mn of ex-mine Beldongri (Maharashtra), ex-mine Gumgaon (Maharashtra) for all reporting grades, ex-mine Chikla (Maharashtra) for 25-35% Mn and 35-46%, ex-mine Dongri (Maharashtra) for 35-46% Mn, 46% Mn and above as well as Dioxide Ore, ex-mine Tirodi (Madhya Pradesh) for 25-35% Mn, 35-46% Mn and ex-mine Balaghat (Madhya Pradesh) for 46% and above have increased as compared to previous year. Whereas ex-mine Kandri MOIL (Maharashtra) for all reporting grades have mixed trend. Average price of grades reported from S.R. Ferro has shown a fluctuating trend.

Ex-stock Dantewada (Chhattisgarh) price of 50-60% SnO₂ grade of Tin concentrates decreased by 5% during the year.

Average c.i.f. price (on Indian ports) of imported Tungsten ores & concentrates has increased significantly as compared to previous year. The prices for metallic minerals are given in Table-2.

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**Table – 1: Prices of Fuel Minerals
2010-11 to 2012-13
(Domestic Markets)**

(In ₹ per tonne)

Grade	Market	2010-11	2011-12	2012-13(P)
COKING COAL (run-of-mine)				
<i>Bharat Coking Coal Ltd</i>				
Washery grade I	f.o.r. Colliery	2630	2630	2630
	Rly. Siding			
Washery grade II	"	2180	2180	2180
Washery grade III	"	1610	1610	1610
Washery grade IV	"	1500	1500	1500
<i>Western Coalfields Ltd</i>				
Washery grade I	f.o.r. Colliery	2220	2220	2220
	Rly. Siding			
Washery grade II	"	1830	1830	1830
Washery grade III	"	1680	1680	1680
<i>Central Coalfields Ltd</i>				
Washery grade I	f.o.r. Colliery	2550	2550	2550
	Rly. Siding			
Washery grade II	"	2110	2110	2110
Washery grade III	"	1560	1560	1560
Washery grade IV	"	1460	1460	1460
NON-COKING COAL LONG-FLAME COAL (run-of-mine)				
<i>South Eastern Coalfields Ltd</i>				
Grade A	f.o.r. Colliery	1190-4100	4100	4100
	Rly. Siding			
Grade B	"	1110-3990	3990	3990
Grade C	"	950-1300	1300	1530
Grade D	"	800-1110	1110	1310
<i>Northern Coalfields Ltd</i>				
Grade A	f.o.r. Colliery	3690	3690	4100
	Rly. Siding			
Grade B	"	3590	3590	3990
Grade C	"	1100	1100	1660
Grade D	"	920	920	1400
<i>Mahanadi Coalfields Ltd</i>				
Grade A	f.o.r. Colliery	3690	3690	4100
	Rly. Siding			
Grade B	"	3590	3590	3990
Grade C	"	1050	1050	1530
Grade D	"	880	880	1310
NON-COKING COAL NON-LONG-FLAME COAL (run-of-mine)				
<i>South Eastern Coalfields Ltd</i>				
Grade A	f.o.r. Colliery	3690	3690	3690
	Rly. Siding			
Grade B	"	3590	3590	3590
Grade C	"	1370	1370	1370

(Contd.)

Table – 1 (Concl'd.)

Grade	Market	2010-11	2011-12	2012-13(P)
Grade D	"	1140	1140	1140
Grade E	"	950	950	950
Grade F	"	740	740	740
Grade G	"	560	560	560
<i>Western Coalfields Ltd</i>				
Grade A	f.o.r. Colliery	4100	4100	4100
	Rly. Siding			
Grade B	"	3990	3990	3990
Grade C	"	1410	1410	1830
Grade D	"	1330	1330	1730
Grade E	"	1090	1090	1420
Grade F	"	860	860	1120
Grade G	"	650	650	850
SEMI-COKING & WEAKLY COKING COAL (run-of-mine)				
<i>South Eastern Coalfields Ltd</i>				
Semi-Coking grade I	f.o.r. Colliery			
	Rly. Siding	2260	2260	2260
Semi-Coking grade II	"	1890	1890	1890
<i>Eastern Coalfields Ltd (Raniganj)</i>				
Semi-Coking grade I	f.o.r. Colliery			
	Rly. Siding	2800	2800	2800
Semi-Coking grade II	"	2330	2330	2330
PETROLEUM (Crude)				
Indigenous*	Onshore	28829	41143	43656
Indigenous*	Offshore	31525	42902	46134
Indigenous*	Offshore & Onshore	30614	42293	45295
Imported	c.i.f. Indian Port (average)	27535	38844	42389

* Relates to provisional weighted average basic prices of petroleum crude of ONGC, excluding royalty, cess, sales tax and other charges. Prices for 2010-11 to 2012-13 are Gross (pre-discount) derived figures.

- Sources:** 1. Coal India Ltd, Kolkata (for coal) vide their Notification No. CIL/S&M/GM(F)/Pricing/1124 dated 12.12.2007 and CIL/S&M/GM(F)/Pricing/1181 dated 15.10.2009, CIL/S & M/GM(F)/Pricing/1907 dated 26.02.2011 and CIL/S&M/GM(F)/Pricing/1965 dated 31.01.12 and Coal directory of India 2009-10, 2010-11 and 2011-12 and website for 2011-12.
2. D.G.C.I.&S., Kolkata (for petroleum crude) for average imported prices and Basic Statistics on Indian Petroleum & Natural Gas, 2011-12 Ministry of Petroleum & Natural Gas, for indigenous crude prices.

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**Table – 2: Prices of Metallic Minerals, 2010-11 to 2012-13
(Domestic Markets)**

(In ₹ per tonne)

Grade	Market	2010-11	2011-12	2012-13 (P)
Bauxite				
Cement Grade	Ex-mine Tikuri Road side (Madhya Pradesh)	190	190	-
Metal Grade	Ex-mine Tikuri Road side (Madhya Pradesh)	656	669	844
Refrac. Grade	Ex-mine Tikuri Road side (Madhya Pradesh)	700	1225	2000
Grade (Al ₂ O ₃ 40% to 45%)	Ex-mine Barima Mainpat (Chhattisgarh)	380.5	380.5	-
PG	Ex-mine Jamnagar (Gujarat)	286	286	300
NPG	Ex-mine Jamnagar (Gujarat)	185	185	350
Metallurgical 40% and Above	Ex-mine Margao (Goa)	250	250	NA
+38% Al ₂ O ₃	Ex-mine Keonjhar (Odisha)	700	700	NA
NPG bauxite	Ex-mine GMDC (Gujarat)	701-750	750	750
Plant Dust	Ex-mine GMDC (Gujarat)	600	600	600
PG bauxite	Ex-mine GMDC (Gujarat)	1330-1460	1550	1550
Chromite				
+52% Cr ₂ O ₃	Ex-Jajpur Road (Odisha)	13344	14658	14658
Powder & Fines 20-24% Cr ₂ O ₃	Ex-mine MML Byrapura (Karnataka)	2880	2880	2880
Lumpy& chips 28-32% Cr ₂ O ₃	Ex-mine MML Byrapura (Karnataka)	4000	4000	4000
Lumpy& chips 32-36% Cr ₂ O ₃	Ex-mine MML Byrapura (Karnataka)	4800	4800	4800
Lumpy& chips 36-40% Cr ₂ O ₃	Ex-mine MML Byrapura (Karnataka)	9580	9580	9580
20-22% Cr ₂ O ₃	Ex-mine MML Thagadur (Karnataka)	2820	2820	2820
22-24% Cr ₂ O ₃	Ex-mine MML Thagadur (Karnataka)	3110	3110	3110
24-26% Cr ₂ O ₃	Ex-mine MML Thagadur (Karnataka)	3390	3390	3390
26-28% Cr ₂ O ₃	Ex-mine MML Thagadur (Karnataka)	3670	3670	3670
28-30% Cr ₂ O ₃	Ex-mine MML Thagadur (Karnataka)	3950	3950	3950
28-30% Cr ₂ O ₃	Ex-mine MML Bhatharahalli (Karnataka)	4100	4100	4100
+36% Cr ₂ O ₃	Ex-mine MML Bhatharahalli (Karnataka)	5220	5220	5220
54 % & Above	Ex-mine OMC Ltd (Odisha)	10532-12410	14626-16058	12373-17073
52-53.99 %	Ex-mine OMC Ltd (Odisha)	10151-11961	14001-15806	12550-17279
50-51.99 %	Ex-mine OMC Ltd (Odisha)	9760-11500	13543-15554	15282
48-49.99 %	Ex-mine OMC Ltd (Odisha)	9505-11200	13001-15301	10206-16222
46-47.99 %	Ex-mine OMC Ltd (Odisha)	9251-10900	12201-14084	9758-14866
44-45.99 %	Ex-mine OMC Ltd (Odisha)	7418-8741	10731-12867	13023-13723
42-43.99	Ex-mine OMC Ltd (Odisha)	5585-6701	10601-11649	10340-12840
40-41.99	Ex-mine OMC Ltd (Odisha)	5318-8239	10096-11094	NA
Below 40% Cr ₂ O ₃	Ex-mine Kamarda (Odisha)	-	2480.55	2480.55
40-52% Cr ₂ O ₃	Ex-mine Kamarda (Odisha)	8293.16	9923.32	9923.32
Copper				
Copper concentrate	Ex-Factory Malanjkhand (Madhya Pradesh)	322561	368889-397313	407363
Iron ore				
50-57% Lumps Fe	Ex-mine Khursipar (Maharashtra)	993-1005	1035-1350	1050-1161
Fines 0 to 10 mm	Ex-mine Khursipar (Maharashtra)	330-350	360	NA
Fine 0 to -5 mm	Ex-mine Khursipar (Maharashtra)	198-300	310	325-345
-65% Fe Lumps	Ex-mine Keonjhar (Odisha)	2015	2015	NA
-62% Fe Lumps	Ex-mine Keonjhar (Odisha)	1594	1594	NA
-65% Fe Blue Dust	Ex-mine Keonjhar (Odisha)	1701	1701	NA
Iron Ore	Ex-mine Macherla (Andhra Pradesh)	786.08	1012.47	1012.47
Blue Dust 61% Fe	Ex-mine Gandhigram (Madhya Pradesh)	550	550	NA
Baila r.o.m 65.5%(10-150 mm)	f.o.r Kirandul (Andhra Pradesh)	3157-3635	3790-4270	4260-5190
Baila Lump 65% Fe(6-40 mm)	f.o.r Kirandul (Andhra Pradesh)	3781-4353	4540-5120	4950-6190
Baila Fine 64% Fe(-10 mm)	f.o.r Kirandul (Andhra Pradesh)	2924-3366	2590-3380	2610-3030
Doni Lump 65% Fe(6-30 mm)	f.o.r Ranjitpura basis (Karnataka)	3421-3939	3960-4070	NA
Doni Fine 64% Fe(-10 mm)	f.o.r Ranjitpura basis (Karnataka)	2924-3366	2870-2880	NA
DRClo Fe 67%(10-40 mm)	f.o.r Bacheli (Andhra Pradesh)	4803-5529	5760-6500	5570-7880
Kumarswamy Lumps 64.5% (6-30 mm)	f.o.r Kumarswamy mine basis (Karnataka)	3206-3690	3710-3810	NA
Kumarswamy Fines 64% (-10 mm)	f.o.r Kumarswamy mine basis (Karnataka)	2687-3093	2640-2650	NA
Size Ore -65% (S)	Ex-mine Rungta (Jharkhand)	4693.5	5814.78	6096.86

(Contd.)

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Tabel - 2 (Contd.)

Grade	Market	2010-11	2011-12	2012-13 (P)
Size Ores -60% (S)	Ex-mine Rungta (Jharkhand)	NA	2400	2400
Size Ores -62% (S)	Ex-mine Rungta (Jharkhand)	4500	NA	2900
Size Ores +65% (S)	f.o.r Bil, Banspani, Jaruli (Jharkhand)	6866.01	7810.47	8063.16
Size Ore -65% (S)	f.o.r Bil, Banspani, Jaruli (Jharkhand)	4930	6246.76	6478.38
Size Ores -62% (S)	f.o.r Bil, Banspani, Jaruli (Jharkhand)	1982.44	5550	3041.19
Size Ores -60% (S)	f.o.r Bil, Banspani, Jaruli (Jharkhand)	NA	2000	2871.45
Fines -65% (F)	Ex-mine Rungta (Jharkhand)	1566.29	833.02	2190.27
Fines -62% (F)	Ex-mine Rungta (Jharkhand)	1821	1880.02	1716.53
Fines -65% (F)	f.o.r Bil, Banspani, Jaruli (Jharkhand)	2782.55	3248.21	2665.55
Fines -62% (F)	f.o.r Bil, Banspani, Jaruli (Jharkhand)	1854.28	1844.94	1568.54
62-65% Fe Lumps	Ex-mine Nuagaon (Odisha)	4300	3650	3650
62-65% Fe Fines	Ex-mine Nuagaon (Odisha)	2500	2296	2296
62-65% (10x30)	Ex-mine Nuagaon (Odisha)	4200	4373	4373
62-65% (5x18)	Ex-mine Nuagaon (Odisha)	5400	5376	5376
Barbil (Mine)				
+62% Fe CLO (10-40 mm)	Ex-mine Barbil OMC Ltd. (Odisha)	2650-3926	3951-4251	3500-4500
Fines (60-62%Fe)	Ex-mine Barbil OMC Ltd. (Odisha)	811-2252	1751-2298	991-2012
Gandhamardan (Mine)				
+65% Fe Lump (10-180 mm)	Ex-mine Gandhamardan OMC Ltd. (Odisha)	3000	4300-4550	4098
+62% Fe CLO (10-40 mm)	Ex-mine Gandhamardan OMC Ltd. (Odisha)	2610-4335	4335-4585	3504-4585
+65% Fe CLO (5-18 mm)	Ex-mine Gandhamardan OMC Ltd. (Odisha)	4300-5502	6401-6910	6700
+64% Fe CLO (5-18 mm)	Ex-mine Gandhamardan OMC Ltd. (Odisha)	4200-5155	6161-6670	4908-6045
+62% Fe CLO(10-30 mm)	Ex-mine Gandhamardan OMC Ltd. (Odisha)	2825-4255	3991-4465	4465
Fines (60-62% Fe)	Ex-mine Gandhamardan OMC Ltd. (Odisha)	1852-3461	1355-2805	1151-2222
Fines (62-64% Fe)	Ex-mine Gandhamardan OMC Ltd. (Odisha)	2105-3551	1456-2955	1503
Koira (Mine)				
+62% Fe CLO (10-40 mm)	Ex-mine Koira OMC Ltd. (Odisha)	3652-4801	4813-5751	4805-6002
+65% Fe Lump	Ex-mine Koira OMC Ltd. (Odisha)	2803-4059	4617-6606	6514-7611
Fines (60-62% Fe)	Ex-mine Koira OMC Ltd. (Odisha)	1201-2365	1989-3051	2530-3051
Daitari (Mine)				
+62% Fe CLO	Ex-mine Daitari OMC Ltd. (Odisha)	3330-4455	4104-4151	4000-4338
+62% Fe BGL	Ex-mine Daitari OMC Ltd. (Odisha)	3330-4355	4005	NA
Fines (60-62%/62-64% Fe)	Ex-mine Daitari OMC Ltd. (Odisha)	2302-3515	2115-2610	1801-2001
62-65% Lumps	Ex-mine Thakurani (Odisha)	4254.4	4827.16	5746.66
62-65% Fines	Ex-mine Thakurani (Odisha)	1954.18	2486.69	2287.94
62-65% Lumps	f.o.r Barbil (Odisha)	4629.4	5202.16	6121.66
62-65% Fines	f.o.r Barbil (Odisha)	2329.28	2861.69	2662.94
Fines (-65)	f.o.r Ranjitpura (Karnataka)	2868	1574	1574
Lumps (-65)	f.o.r Ranjitpura (Karnataka)	1791	3356	3356
Fines (58-60% Fe)	Ex-mine Jambunatha	550	500	1490-2160
Fines (60-65% Fe)	Ex-mine Jambunatha	1550	550-1500	2080-3480
Lumps (58-60% Fe)	Ex-mine Jambunatha	650	500	NA
Lumps (62-65% Fe)	Ex-mine Jambunatha	1650	1600	4160-5000
Red Oxide (62-65% Fe)	Ex-mine Jambunatha	3700	3500	NA
< 60% Lumps	Ex-mine Sandur (Karnataka)	1223	1546	3018
62-65% Lumps	Ex-mine Sandur (Karnataka)	2162	2757	4013
< 62% Fines	Ex-mine Sandur (Karnataka)	1125	1226	2718
Below 55% Lumps	Ex-mine OMML (Odisha)	2415.07	1685.84	2262.85
55% to 58% Lumps	Ex-mine OMML (Odisha)	2415.07	2449.08	2887.88
58% to 60% Lumps	Ex-mine OMML (Odisha)	2415.07	2635.4	2985.09
60% to 62% Lumps	Ex-mine OMML (Odisha)	3275.94	4079.06	4873.54
62% to 65% Lumps	Ex-mine OMML (Odisha)	3913.39	4545.62	4647.47
Below 55% Fines	Ex-mine OMML (Odisha)	662.37	164.52	554.91
55% to 58% Fines	Ex-mine OMML (Odisha)	662.37	655.31	562.57
58% to 60% Fines	Ex-mine OMML (Odisha)	662.37	1111.27	1305.34
60% to 62% Fines	Ex-mine OMML (Odisha)	713.88	1727.66	1397.5
62% to 65% Fines	Ex-mine OMML (Odisha)	2417.98	2238.89	1693.2

(Contd.)

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Tabel - 2 (Concl.d.)

Grade	Market	2010-11	2011-12	2012-13 (P)
Manganese Ore				
25-35% Mn	Ex-mine Sukli, MOIL (Madhya Pradesh)	7005.37	5410.89	5410.89
Above 35% and below 46%Mn	Ex-mine Ukwa, MOIL (Madhya Pradesh)	13516	9936	9936
Above 25% and below 35% Mn	Ex-mine Ukwa, MOIL (Madhya Pradesh)	4150	3453	3453
Below 25% Mn	Ex-mine Kandri, MOIL (Maharashtra)	3311-3493	2516-3311	2642-2972
25-35% Mn	Ex-mine Kandri, MOIL (Maharashtra)	7225-7624	5056-6792	5562-6257
35-46 % Mn	Ex-mine Kandri, MOIL (Maharashtra)	12203-12205	7538-10080	7610-8752
46% Mn & above	Ex-mine Kandri, MOIL (Maharashtra)	16580-18067	10242-14922	11266-12956
Below 25% Mn	Ex-mine Beldongri, MOIL (Maharashtra)	7246	5121	4715
25-35% Mn	Ex-mine Beldongri, MOIL (Maharashtra)	13565	8211	9034
Fines	Ex-mine Beldongri, MOIL (Maharashtra)	3942	3623	2694
25-35% Mn	Ex-mine Mansar, MOIL (Maharashtra)	7658	4916	4495
35-46% Mn	Ex-mine Mansar, MOIL (Maharashtra)	14819	10081	9975
Fines	Ex-mine Mansar, MOIL (Maharashtra)	3995	3469	3267
25% to below 35%Mn	Ex-mine Gumgaon, MOIL (Maharashtra)	4370-8622	2769-6297	3107-7532
35% to below 46%Mn	Ex-mine Gumgaon, MOIL (Maharashtra)	9702-13181	7052-9580	8475-11513
46% above Mn	Ex-mine Gumgaon, MOIL (Maharashtra)	14232	10343	12430
Fines	Ex-mine Gumgaon, MOIL (Maharashtra)	2707-3944	2058-2998	2309-3365
25-35% Mn	Ex-mine Chikla, MOIL (Maharashtra)	6582	4655	4681.34
35-46% Mn	Ex-mine Chikla, MOIL (Maharashtra)	12893	7963	9403.99
Fines	Ex-mine Chikla, MOIL (Maharashtra)	2630	2176	2068.73
25-35% Mn	Ex-mine Dongri, MOIL (Maharashtra)	4536	4536	3914.65
35-46% Mn	Ex-mine Dongri, MOIL (Maharashtra)	9189	9189	11315.59
46% Mn & Above	Ex-mine Dongri, MOIL (Maharashtra)	11595	11595	16211.82
Dioxide ore	Ex-mine Dongri, MOIL (Maharashtra)	18653	18653	39519.35
Below 25% Mn	Ex-mine Tirodi, MOIL (Madhya Pradesh)	4974	3301	3122
25-35% Mn	Ex-mine Tirodi, MOIL (Madhya Pradesh)	6162	5427	5631
35-46% Mn	Ex-mine Tirodi, MOIL (Madhya Pradesh)	15355	9785	10342
25-35% Mn	Ex-mine Balaghat, MOIL (Madhya Pradesh)	5519	4929	3332.24
46% Mn & Above	Ex-mine Balaghat, MOIL (Madhya Pradesh)	17720	11675	13343.04
Manganese waste powder	Ex-mine GMDC (Gujarat)	708	850	850
Manganese waste dump	Ex-mine GMDC (Gujarat)	590	590	NA
Dioxide above 50% Mn	Ex-mine Patmunda (Odisha)	21900-32775	21812-28639	21812-28639
HG 46-50% Mn	Ex-mine Patmunda (Odisha)	18160-27534	11050-22199	11050-22199
MG 35-46% Mn	Ex-mine Patmunda (Odisha)	7507-13892	6012-9699	6012-9699
LG 25-35% Mn	Ex-mine Patmunda (Odisha)	5046-9730	3077-6431	3077-6431
Below 25% Mn	Ex-mine Patmunda (Odisha)	2118-6554	2262-4401	2262-4401
22-24% Mn	f.o.r Sandur (Karnataka)	876	786	-
24-26% Mn	f.o.r Sandur (Karnataka)	1647	3025	4820
26-28% Mn	f.o.r Sandur (Karnataka)	4015	3949	4526
28-30% Mn	f.o.r Sandur (Karnataka)	4650	4397	5129
30-32% Mn	f.o.r Sandur (Karnataka)	5781	4791	5486
32-34% Mn	f.o.r Sandur (Karnataka)	7343	5317	5392
36-38% Mn	f.o.r Sandur (Karnataka)	11078	9159	7495
38-40% Mn	f.o.r Sandur (Karnataka)	13118	9697	8372
Below 25% Mn	Average price S.R.Ferro Alloys (Madhya Pradesh)	1046-4146	2447-3961	2462-3700
+25% to 35% Mn	Average price S.R.Ferro Alloys (Madhya Pradesh)	2918-3943	3581-4100	3619-4002
Tin Concentrates				
50-60% SnO ₂	Ex-stock Dantewada (Chhattisgarh)	568.33	683.41	651.91
Tungsten Ore and Conc.				
	Average c.i.f. price, Indian ports	33333	15838	268804

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Non-metallic Minerals

In non-metallic minerals, an upward trend in the prices was reported in 2012-13 as compared to previous year. The Ex-factory prices in case of R.O.M. and Powder grades of **apatite** for S.Kota (Andhra Pradesh) have shown an increase in current year as compared to previous year. The Ex-mine prices for the various grades of **phosphorite** reported from Jhabua, Sagar (Madhya Pradesh) and Jhamarkotra (Rajasthan) have shown an increasing trend. Prices of **ball clay** mostly increased in all grades except ex-mine price of Neyveli (Tamil Nadu). **Barytes** ex-mine price increased for all grades from Mangampet (Andhra Pradesh) and Relpatlia (West Bengal). **Calcite** ex-mine price increased from Belka pahar (Rajasthan). **Chalk** ex-mine prices have registered an increase for the A, B grades at Adityana (Gujarat) whereas crude grade price decreased in Porbandar. Ex -mine prices of **clay** increased in all grades except white clay B grade of Guda (Rajasthan), **diaspore** ex-mine prices have shown increasing trend. **Dolomite** f.o.r. price for all the grades reported by Baradwar (Chattisgarh) and ex-mine prices reported by Banki (Odisha) have increased whereas f.o.r price for dolomite (fines) of Birmitrapur (Odisha) have decreased. **Dunite** ex-mine price of Arasu mine (Tamil Nadu) has decreased significantly whereas that of reject grade of Chettichavadi (Tamil Nadu) have increased. **Felspar** ex-mine prices of Thimmajipally (Andhra Pradesh), Jarudih (Jharkhand) and Mahavir (Rajasthan) have increased while that of Asuna and Gulgaon mines (Rajasthan) have decreased. **Fire clay:** ex-mine prices have shown a mixed trend. **Fluorite (fluorspar)** ex-mine price have increased in all reported grades of Maharashtra. **Garnet** ex-mine price and f.o.b prices of Trimex (Andhra Pradesh) have registered an increase of 26% in current year as compared to previous year. **Graphite** ex-mine price of Keeranur and Sivaganga (Tamil Nadu) have increased while that of Rabda (Jharkhand) has decreased. **Gypsum** ex-mine prices have increased. **Ilmenite** ex-warehouse price-Tuticorin of processed grade of V.V. Minerals have decreased significantly. **Kaolin** ex-mine prices have increased for most of the grades or remain unchanged. **Kyanite** ex-mine prices have increased in Pavri (Maharashtra)

and JSMDCL (Jharkhand), **laterite** ex-mine prices have shown increasing trend except ex-mine Kathara Kothar (Madhya Pradesh), **limestone** ex- mine/f.o.r. prices have increased or remain unchanged for most of the grades reported by various mine, **magnesite** ex- mine prices increased for all reporting grades, **mica** prices have exhibited mixed trend, **ochre** ex-mine prices have increased, **pyrophyllite** ex-mine prices have mostly increased or unchanged except lumps CG-3 & CG-4 grade of ex-mine Niwari (Madhya Pradesh), **quartz** ex-mine price increased for all the mines except Chamundeswari (Andhra Pradesh), **quartzite** ex-mine price increased except Kolara (Rajasthan), **rutile** ex-warehouse price-Tuticorin of processed grade of V.V.Minerals, increased significantly, **selenite** ex-mine price increased, **silica sand** prices increased in Southern Silica (Andhra Pradesh), Kasarde (Maharashtra) and in Motiber (Gujarat) remain unchanged, **sillimanite** prices increased in all grades except Trimex (Andhra Pradesh), **talc/soapstone/steatite** ex-mine price increased except Gitti 2nd grade of Devpur (Rajasthan), **vermiculite** prices increased or have remained unchanged, **wollastonite** ex-mine price have increased.

The prices in previous year have been considered during the current year for the mines which have not responded. The details of prices of Non-metallic Minerals are given in (Table-3).

1.2 Foreign Markets

The mineral prices in the foreign markets exhibited variation in 2012-13 as compared to previous year. However, increase in prices was observed mainly in **barytes** of Drilling grade, A.P.I lump Chinese, Indian and in Chemical grade Chinese. **Bentonite** price increased wyoming API grade rail cars and wyoming foundry grade bagged, **fluorite (fluorspar)** prices have mixed trend. **Graphite** prices decreased in all grades, **magnesite** price decreased in all f.o.b. China grade whereas European calcined agriculture and Greek, raw remain unchanged. The prices of minerals other than above remain unchanged or are on lower side in 2012-13 as compared to previous year. The details are given in (Table-4).

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**Table – 3 : Prices of Non-metallic Minerals, 2010-11 to 2012-13
(Domestic Markets)**

(In ₹ per tonne)

Grade	Market	2010-11	2011-12	2012-13 (P)
Apatite				
Run of Mines (r.o.m.)	Ex-factory S.Kota (Andhra Pradesh)	2800	2900	3200
powder	Ex-factory S.Kota (Andhra Pradesh)	3500	3800	4200
Phosphorite/Rock phosphate				
18-20% P ₂ O ₅	Ex-factory Rangadih (West Bengal)	2000	2000	2300
Above 30% P ₂ O ₅	Ex-mine Hirapur (Madhya Pradesh)	-	1553	-
Above 25-30% P ₂ O ₅	Ex-mine Hirapur (Madhya Pradesh)	1026	901	-
Upto 20% P ₂ O ₅	Ex-mine Hirapur (Madhya Pradesh)	388	506	748
Low grade 18-20% P ₂ O ₅ (Rom)	Ex-mine Jhabua (Madhya Pradesh)	615-726	685-821	821-1017.25
0-12 mm size	Ex-mine Jhabua (Madhya Pradesh)	-	921	921-1104.25
30.5% P ₂ O ₅ (SSP)	Ex-mine Jhamarkotra (Rajasthan)	4753-4828	5350-6950	6950-8500
31.54% P ₂ O ₅ (benificiated)	Ex-mine Jhamarkotra (Rajasthan)	5130-5205	5800-6950	6950-8500
30.5% P ₂ O ₅ (Non-SSP)	Ex-mine Jhamarkotra (Rajasthan)	4753-4828	5350-6950	6950-8500
A Gr. +29% P ₂ O ₅	Ex-Mine Sagar (Madhya Pradesh)	1285-1304	1453-1741	2130
B Gr. +25-27% P ₂ O ₅	Ex-Mine Sagar (Madhya Pradesh)	764-775	864-1035	1266
Low Gr. 18-20% P ₂ O ₅ r.o.m	Ex-Mine Sagar (Madhya Pradesh)	391-410	436-522	639-748
34% P ₂ O ₅ DAP	Ex-Mine RSMML (Rajasthan)	7255	7255	NA
31.5% P ₂ O ₅ SSP	Ex-Mine RSMML (Rajasthan)	4753-4828	4753-4828	NA
31.54% P ₂ O ₅ benificiated	Ex-Mine RSMML (Rajasthan)	5130-5205	5130-5205	NA
31.5% P ₂ O ₅ non ssp	Ex-Mine RSMML (Rajasthan)	4753-4828	4753-4828	NA
30-31% P ₂ O ₅ stone	Ex-Mine RSMML (Rajasthan)	4892-4967	4892-4967	NA
18-20% P ₂ O ₅ Rajphos	Ex-Mine RSMML (Rajasthan)	1628	1628	NA
32.5% P ₂ O ₅ DAP	Ex-Mine RSMML (Rajasthan)	6600-6675	6600-6675	NA
15-20% P ₂ O ₅	Ex-mine Maton (Rajasthan)	1412	1409	1409
20-25% P ₂ O ₅	Ex-mine Maton (Rajasthan)	1570	2130	2130
25-30% P ₂ O ₅	Ex-mine Maton (Rajasthan)	2873	2170	2170
30-35% P ₂ O ₅	Ex-mine Maton (Rajasthan)	3268	3194	3194
Asbestos				
Open grade	f.o.r. Pulivendla (Andhra Pradesh)	75000	130000	130000
C1B	f.o.r. Pulivendla (Andhra Pradesh)	41000	55000	55000
D3	f.o.r. Pulivendla (Andhra Pradesh)	-	32000	32000
D4	f.o.r. Pulivendla (Andhra Pradesh)	28000	28000	28000
C	f.o.r. Pulivendla (Andhra Pradesh)	45000	55000	55000
AA	f.o.r. Pulivendla (Andhra Pradesh)	80000	85000	85000
AK-3	Ex-mine Sri Saibaba (Andhra Pradesh)	37000	45000	45000
AA-Spl	Ex-mine Sri Saibaba (Andhra Pradesh)	87000	87000	87000
D4 Grade	Ex-mine Sri Saibaba (Andhra Pradesh)	-	25000	25000
Ball Clay				
Double dressed	Ex-mine Mudh (Rajasthan)	2600	2600	3000
1st grade	Ex-mine Mudh (Rajasthan)	1900	2000	2200
ROM grade	Ex-mine Mudh (Rajasthan)	1300	1300	1500
C & D grade	Ex-mine Mudh (Rajasthan)	400	400	NA
Super grade	Ex-mine Bikaner (Rajasthan)	775	825	825
Grade A	Ex-mine Bikaner (Rajasthan)	625	625	675
Grade C	Ex-mine Bikaner (Rajasthan)	95	100	150
Grade A	Ex-mine Bikaner (Rajasthan)	475	575	575
Grade B	Ex-mine Bikaner (Rajasthan)	325	425	425
Grade C	Ex-mine Bikaner (Rajasthan)	100	150	150
	Ex-mine Sri Satya Sai (Andhra Pradesh)	303	721	-
	Ex-mine Tirumala venkateswar (Andhra Pradesh)	172	152	695
	Ex-mine Gowtami (Andhra Pradesh)	140	85	85
	Ex-mine Charanka (Gujarat)	110	110	170
	Ex-mine Gagodar (Gujarat)	110	110	170
	Ex-mine Indo Ka Bala (Rajasthan)	216	246	330
	Ex-mine Chandi (Rajasthan)	245	403	465
	Ex-mine Indokabala (Rajasthan)	170	293	430
	Ex-mine Neyveli (Tamil Nadu)	823	1043	1002

(Contd.)

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Table - 3 (Contd.)

Grade	Market	2010-11	2011-12	2012-13 (P)
Barytes				
A Grade	Ex-mine Mangampet (Andhra Pradesh)	2145	4059	4262
B Grade	Ex-mine Mangampet (Andhra Pradesh)	1644	3069	3223
C+D+W	Ex-mine Mangampet (Andhra Pradesh)	414	800	840
Ist Grade (White)	Ex-mine Udaipur (Rajasthan)	450	490	490
IInd Grade (Buff)	Ex-mine Udaipur (Rajasthan)	340	380	380
Off-Colour	Ex-mine Relpatlia/RBL (Rajasthan)	366	526	610
White	Ex-mine Relpatlia/RBL (Rajasthan)	488	700	813
Off-Colour	Ex-mine Viswabharathi (Andhra Pradesh)	300	300	NA
Calcite				
Calcite r.o.m.	Ex-mine Belka Pahar (Rajasthan)	425	425-510	570-810
	Ex-mine Sanchli (Rajasthan)	390	390	NA
Chalk				
Grade - A	Ex-mine Adityana (Gujarat)	650	660	680
Grade - B	Ex-mine Adityana (Gujarat)	540	550	570
Grade - A	Ex-mine Adityana (Gujarat)	640	660	680
Grade - B	Ex-mine Adityana (Gujarat)	545	565	585
Grade - B	Ex-mine Adityana (Gujarat)	391	397	422
Chalk crude	Ex-mine Porbandar (Gujarat)	130	130	125
Chalk lumps loose	Ex-mine Porbandar (Gujarat)	850	850	850
Powder grade 1	Ex-mine Porbandar (Gujarat)	1050	1050	1050
Powder grade 2	Ex-mine Porbandar (Gujarat)	850	850	850
Raw crude	Ex-mine Porbandar (Gujarat)	330	330	NA
Lumps	Ex-mine Porbandar (Gujarat)	550	550	NA
Clay				
White clay A Grade	Ex-mine Chandi (Rajasthan)	578	592	615
White clay B Grade	Ex-mine Chandi (Rajasthan)	246	322	342
White clay C Grade	Ex-mine Chandi (Rajasthan)	121	160	166
White clay A Grade	Ex-mine Guda (Rajasthan)	998	1100	1127
White clay B Grade	Ex-mine Guda (Rajasthan)	350	280	193
White clay C Grade	Ex-mine Guda (Rajasthan)	101	115	126
Cement Grade	Ex-mine Hothiyay Pozzolona (Gujarat)	26.46	25.4	25.4
Aluminous Clay	Ex-mine MML Nandihalli (Karnataka)	400	440	650
Corundum				
Corundum, +70% Al ₂ O ₃	Ex-mine Pohra (Maharashtra)	4975-5075	NA	NA
Corundum reject	Ex-mine Pohra (Maharashtra)	1130	1151	NA
Diaspore				
Mesh (120) Powder D-I	f.o.r. Niwari Factory (Madhya Pradesh)	4500	4800	5000
Mesh (120) Powder D-4	f.o.r. Niwari Factory (Madhya Pradesh)	2500	3000	3200
	Ex-mine Garhi-1 (Madhya Pradesh)	534	676	779
	Ex-mine Garhi-1 Malhera (Madhya Pradesh)	1893	1698	1893
	Ex-mine Garhari, (Uttar Pradesh)	901	902	902
	Ex-mine Mailar Shivpura (Uttar Pradesh)	938	898	909
	Ex-mine Gourhari (Uttar Pradesh)	1000	1000	-
Diaspore	Ex-mine Khurai (Madhya Pradesh)	2000	2500	2500
Diaspore	Ex-mine Puradhankuan (Uttar Pradesh)	1800	2270	2270
Dolomite				
SMS Gr.Lumps (40-70 mm)	f.o.r. Baradwar (Chhattisgarh)	570	630	NA
SMS Gr.Lumps (01-08 mm)	f.o.r. Baradwar (Chhattisgarh)	675	700	725
SMS Gr.Lumps (10-40 mm)	f.o.r. Baradwar (Chhattisgarh)	520	636	NA
SMS Gr.Lumps (40-80 mm)	f.o.r. Baradwar (Chhattisgarh)	530	615	680
SMS Gr.Lumps (10-45 mm)	f.o.r. Baradwar (Chhattisgarh)	NA	NA	672
White Dolomite Lumps	Ex-mine Patgowari (Maharashtra)	338-345	355	NA
Off-White/Grayish Dolomite				
Lumps	Ex-mine Patgowari (Maharashtra)	299-300	310	NA
Dolomite Chips	Ex-mine Patgowari (Maharashtra)	195	195	NA
Dolomite Reject	Ex-mine Patgowari (Maharashtra)	250	252	NA

(Contd.)

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Table - 3 (Contd.)

Grade	Market	2010-11	2011-12	2012-13(P)
Mineralised Waste	Ex-mine Patgowari (Maharashtra)	95-120	120	NA
r.o.m (Grey White, Pink & black)	Ex-mine Nathdwara (Rajasthan)	150	150	NA
r.o.m (Grey White, Pink & black)	f.o.r. Kanjika Guda (Rajasthan)	215	215	NA
r.o.m (Grey White, Pink & black)	f.o.r. Udaipur (Rajasthan)	405	586	586
Dolo-Chips	Ex-mine Banki (Odisha)	850-925	788-863	813-863
Dolo Lumps	Ex-mine Banki (Odisha)	-	546-588	588-609.59
Dolo Boulder	Ex-mine Banki (Odisha)	300-523	450-588	463-513
B.F Lumps	Ex-mine Sundargarh (Odisha)	520-838	550-708	843-913
BF Dolo Chips	Ex-mine Sundargarh (Odisha)	630-863	600-863	562.89-913
Low Grade	Ex-mine Haldwani (Uttarakhand)	100	100	NA
Dolomite (Lump)	f.o.r. Birmitrapur (Odisha)	450	520	570-585
Dolomite (Fines)	f.o.r. Birmitrapur (Odisha)	405	505	406
Sponge Gr. Dolo Chips	f.o.r. Birmitrapur (Odisha)	761-860	801-821	811-861
Above 149 mm	Ex-mine MML (Karnataka)	175	175	-
80-149 mm	Ex-mine MML (Karnataka)	245	255	255
40-80 mm	Ex-mine MML (Karnataka)	230	240	240
10-39 mm	Ex-mine MML (Karnataka)	245	250	250
-10 mm	Ex-mine MML (Karnataka)	90	135	135
Dunite				
	Ex-mine Kenchapura (Karnataka)	133	134	134
	Ex-mine Arasu (Tamil Nadu)	291	751	238
Reject dunite	Ex-mine Chettichavadi (Tamil Nadu)	300	500	561
5-60 mm	Ex-mine Karya MML (Karnataka)	245	245	245
Felspar				
	Ex-mine Thimmajipally (Andhra Pradesh)	130	190	192
	Ex-mine Venkata (Andhra Pradesh)	200	186	-
	Ex-mine Chamundeswari (Andhra Pradesh)	300	250	268
	Ex-mine Jaruadih (Jharkhand)	150	150	250
	Ex-mine Narendra Loharwada (Rajasthan)	361	342	330
	Ex-mine Tiloli (Rajasthan)	262	213	-
	Ex-mine Asuna (Rajasthan)	225	400	268
	Ex-mine Kanyakheda (Rajasthan)	220	300	310
	Ex-mine Gulgaon (Rajasthan)	250	250	229
	Ex-mine Mahavir (Rajasthan)	150	150	310
Felspar	Ex-mine Bhunas (Rajasthan)	175	225	225
Grade I	Ex-mine Bhilwara (Rajasthan)	300	500	500
Grade II	Ex-mine Bhilwara (Rajasthan)	-	325	400
Grade III	Ex-mine Bhilwara (Rajasthan)	-	250	250
Unorted I	Ex-mine Beawar (Rajasthan)	200-250	250-450	250-450
Grade I	Ex-mine LMGPL (Rajasthan)	450	500	500
Grade II	Ex-mine LMGPL (Rajasthan)	300	300	300
Fireclay				
Plastic Lumps Loose	Ex-mine Chirkunda,Dhanbad, Ramgarh	205	235	270
	Ex-mine Jayasree Mines & Minerals (Andhra Pradesh)	120	175	175
	Ex-mine V.R.&V.R Minerals (Andhra Pradesh)	290	346	331
	Ex-mine Sri Venkateswara (Andhra Pradesh)	344	385	400
	Ex-mine Seregara (Jharkhand)	200	200	120
	Ex-mine Nandihalli(Karnataka)	574	433	650
	Ex-mine Marudhara (Rajasthan)	230	230	NA
	Ex-mine Therani (Tamil Nadu)	349	349	349
	Ex-mine Chandidaspur (West Bengal)	215	236	255
	Ex-mine Fategadh (Gujarat)	110	110	110
	Ex-mine Thangadh (Gujarat)	128	174	130
	Ex-mine Bhadra (Madhya Pradesh)	84	100	100
	Ex-mine Kheirmar (Madhya Pradesh)	120	100	100
	Ex-mine Guda (Rajasthan)	92	105	220
	Ex-mine Golri (Rajasthan)	125	114	124
	Ex-mine Bhatina (West Bengal)	120	90	190
Ist grade	Ex-mine Ramavaram (Andhra Pradesh)	292.46	315.45	315.45
2nd grade	Ex-mine Ramavaram (Andhra Pradesh)	50	50	NA

(Contd.)

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Table - 3 (Contd.)

Grade	Market	2010-11	2011-12	2012-13(P)
Fluorspar/Fluorite (Graded)				
Lumps + 85% CaF ₂	Ex-mine Dongargaon (Maharashtra)	12190	12190	12190-14020
Lumps + 80% to 85% CaF ₂	Ex-mine Dongargaon (Maharashtra)	11560	11560	11560-13295
Lumps + 75% to 80% CaF ₂	Ex-mine Dongargaon (Maharashtra)	8455	8455	8455-9725
Lumps + 70% to 75% CaF ₂	Ex-mine Dongargaon (Maharashtra)	7305	7305	7305-8405
Lumps + 65% to 70% CaF ₂	Ex-mine Dongargaon (Maharashtra)	6900	6900	6900-7935
Lumps + 60% to 65% CaF ₂	Ex-mine Dongargaon (Maharashtra)	6500	6500	6500-7475
Lumps + 55% to 60% CaF ₂	Ex-mine Dongargaon (Maharashtra)	5090	5090	5090-5855
Lumps + 50% to 55% CaF ₂	Ex-mine Dongargaon (Maharashtra)	4670	4670	4670-5375
Lumps + 45% to 50% CaF ₂	Ex-mine Dongargaon (Maharashtra)	4420	4420	4420-5085
Lumps + 40% to 45% CaF ₂	Ex-mine Dongargaon (Maharashtra)	3740	3740	3740-4305
Lumps + 35% to 40% CaF ₂	Ex-mine Dongargaon (Maharashtra)	2555	2555	2555-2940
Lumps + 30% to 35% CaF ₂	Ex-mine Dongargaon (Maharashtra)	1180	1180	1180-1360
Lumps + 25% to 30% CaF ₂	Ex-mine Dongargaon (Maharashtra)	1035	1035	1035-1195
-25 mm Dust fines + 65% to 70% CaF ₂	Ex-mine Dongargaon (Maharashtra)	5290	5290	5290-6085
-25 mm Dust fines + 60% to 65% CaF ₂	Ex-mine Dongargaon (Maharashtra)	3910	3910	3910-4500
-25 mm Dust fines + 55% to 60% CaF ₂	Ex-mine Dongargaon (Maharashtra)	2530	2530	2530-2910
-25 mm Dust fines + 50% to 55% CaF ₂	Ex-mine Dongargaon (Maharashtra)	2300	2300	2300-2645
-25 mm Dust fines + 45% to 50% CaF ₂	Ex-mine Dongargaon (Maharashtra)	1755	1755	1755-2020
-25 mm Dust fines + 40% to 45% CaF ₂	Ex-mine Dongargaon (Maharashtra)	1410	1410	1410-1625
Waste dump (PMT)	Ex-mine Dongargaon (Maharashtra)	1510	1510	1510-1740
Waste lumps	Ex-mine Dongargaon (Maharashtra)	520-720	520-720	520-830
Acid-A	Ex-mine GMDC (Gujarat)	17300	19000	19000
Acid-B	Ex-mine GMDC (Gujarat)	16000	17600	17600
Met-A	Ex-mine GMDC (Gujarat)	15100	15850	15850
Met-B	Ex-mine GMDC (Gujarat)	14100	14800	14800
MFC-A	Ex-mine GMDC (Gujarat)	13400	13800	13800
MFC-B	Ex-mine GMDC (Gujarat)	12400	12750	12750
MFC-C	Ex-mine GMDC (Gujarat)	12300	12700	12700
MFC-D	Ex-mine GMDC (Gujarat)	11500	11850	11850
15-20%	Ex-mine RSMML (Rajasthan)	426	426	NA
20-30%	Ex-mine RSMML (Rajasthan)	1246	1278	NA
30-40%	Ex-mine RSMML (Rajasthan)	2503	2663	NA
50-60%	Ex-mine RSMML (Rajasthan)	5506	5858	NA
70-75%	Ex-mine RSMML (Rajasthan)	6997	7242	NA
Garnet				
OR Grade (Loose)	Ex-works OSCOM (Odisha)	4000	4000-4200	4000-4200
MK Grade Coarse (Loose)	Ex- works Manavalakurichi (Tamil Nadu)	5750	5750	NA
MK Grade Coarse (bagged)	Ex- works Manavalakurichi (Tamil Nadu)	6150	6150	NA
MK Grade Normal (Loose)	Ex- works Manavalakurichi (Tamil Nadu)	5000	5000	NA
MK Grade Normal (bagged)	Ex- works Manavalakurichi (Tamil Nadu)	5400	5400	NA
	Ex-mine Trimex (Andhra Pradesh)	5684	5267	7152.41
	f.o.b. Trimex (Andhra Pradesh)	7000	5927	7494
Graphite				
20% to below 40% fixed carbon	Ex-mine Keeranur (Tamil Nadu)	435	444	454
20% to below 40% fixed carbon	Ex-mine Sivaganga (Tamil Nadu)	500	500	725
20% to below 40% fixed carbon	Ex-mine Rabda (Jharkhand)	423	424	413
20% to below 40% fixed carbon	Ex-mine Gandabahali (Odisha)	375	375	375
Fliky	Ex-mine JSMDCL (Jharkhand)	-	550	550
MRFS	Ex-mine JSMDCL (Jharkhand)	-	151	-
Gypsum				
	Ex-mine Macherla (Andhra Pradesh)	1748.41	1712.74	1712.74
	Ex-mine Lifri (Gujarat)	300	300	NA
	Ex-mine Ballar (Rajasthan)	300	410	470
	Ex-mine Siyar Ka Kosita (Rajasthan)	300	425	-
	Ex-mine Sekhra (Rajasthan)	300	410	475
	Ex-mine Aladin ka bera (Rajasthan)	300	410	NA

(Contd.)

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Table - 3 (Contd.)

Grade	Market	2010-11	2011-12	2012-13 (P)
	Ex-mine Kishanpura (Rajasthan)	300	410	475
Cement & agriculture both	Ex-mine RSMML (Rajasthan)	300	400-410	410-475
Ilmenite				
Q grade (Loose)	Ex-works Chavara (Kerala)	4700-6000	5700-17000	5700-17000
MK grade (Loose)	Ex-works Manavalakurichi (Tamil Nadu)	4450-5400	5400-16100	5400-16100
OR grade (Loose)	Ex-works OSCOM (Odisha)	4000-4250	4250-15000	4250-15000
Processed	V.V. Mineral (Ex-warehouse price -Tuticorin)	5940	11174	5811
Kaolin				
Crude Rubber Powder	Ex-mine Kolkata, Kanpur, Delhi	1280	1380	1550
Crude Dry Lumps Loose	Ex-mine Kolkata, Kanpur	550	600	680
Filler Powder (ordinary)	Ex-mine Kolkata, Bihar	600	660	740
Super Fine Lumps (Bagged)	Ex-mine Kolkata, Faridabad	1430	1555	1710
SuperWhite Powder no.1 (Bagged)	Ex-mine Kolkata, Kanpur, Delhi	2605	2755	3005
Super Fine Powder (Bagged)	Ex-mine Kolkata, Kanpur, Delhi	2000	2150	2375
Lilite First (packed) Lump	Ex-mine Kannur (Kerala)	5630	5630	6200
Kerala Spl.Lump	Ex-mine Kannur (Kerala)	3980	4400	4800
Hindustan Spl.Lump	Ex-mine Kannur (Kerala)	4860	4860	5300
Indian Clay Lump	Ex-mine Kannur (Kerala)	3760	3760	4300
Washed Clay Grade I	Ex-mine Neemli (Rajasthan)	4200	5600	5800
Washed Clay Grade II	Ex-mine Neemli (Rajasthan)	4000	4700	4800
Grade A	Ex-mine Chilambil (Kerala)	300	300	350
Grade B	Ex-mine Chilambil (Kerala)	250	250	270
Normal Grade	Ex-mine Nadappa (Gujarat)	180	213	213
Crude	Ex-mine Melthonnakal (Kerala)	286	96	NA
Crude	Ex-mine Paddhar (Gujarat)	180	195	NA
Crude	Ex-mine Kharia (West Bengal)	415	415	NA
Processed	Ex-mine Kharia (West Bengal)	810	810	NA
Kaogen	Ex-mine Kundra (Kerala)	3000	3000	3000
NDK	Ex-mine Kundra (Kerala)	5500	5500	6000
Paper coating grade	Ex-mine Kundra (Kerala)	7050	7050	7500
DG	Ex-mine Kundra (Kerala)	6000	6000	6250
Kaofil	Ex-mine Kundra (Kerala)	6500	6500	7500
Ist grade	Ex-mine Techava (Gujarat)	1800	2200	2600
IInd grade	Ex-mine Techava (Gujarat)	1200	1300	1300
Kyanite				
Raw kyanite, grade II	Ex-mine JSMDCL (Jharkhand)	1186	1186	1211
Special grade	Ex-mine Nawargaon (Maharashtra)	2420	2420	NA
Grade I	Ex-mine Nawargaon (Maharashtra)	2090	2090	NA
Grade II A	Ex-mine Nawargaon (Maharashtra)	1430	1430	NA
Grade II B	Ex-mine Nawargaon (Maharashtra)	880	880	NA
Grade III B	Ex-mine Nawargaon (Maharashtra)	1200	1200	NA
Low grade	Ex-mine Nawargaon (Maharashtra)	440	440	NA
Unsorted Chilly (50-55% Al ₂ O ₃)	Ex-mine Nawargaon (Maharashtra)	880	880	NA
Unsorted Chilly (45-50% Al ₂ O ₃)	Ex-mine Nawargaon (Maharashtra)	550	550	NA
50+/-5%	Ex-mine Pavri (Maharashtra)	4950	5825	5875
45+/-5%	Ex-mine Pavri (Maharashtra)	4450	5250	5300
45+/-5%	Ex-mine Digori (Maharashtra)	813	NA	1700
Laterite				
	Ex-mine Pashapur (Andhra Pradesh)	70	45	50
	Ex-mine Palkhada (Gujarat)	440	250	400
	Ex-mine Pakhar (Jharkhand)	150	223	NA
Cement Grade	Ex-mine Kaveri (Kerala)	236	236-260	207-295
	Ex-mine Kathara Kothar (Madhya Pradesh)	150	150	55
High Grade	Ex-mine Macherla (Andhra Pradesh)	1159.55	1159.41	1159.41
Low Grade	Ex-mine Macherla (Andhra Pradesh)	596.59	840.78	840.78

(Contd.)

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Table - 3 (Contd.)

Grade	Market	2010-11	2011-12	2012-13 (P)
Cement Grade	Ex-mine Naredo (Gujarat)	45.44	46.37	46.37
Cement Grade	f.o.r. Belgundi (Karnataka)	300	330	356
Chemical Grade	f.o.r. Belgundi (Karnataka)	500	500	500
Refractory Grade	f.o.r. Belgundi (Karnataka)	500	500	-
	Ex-mine Ramavaram (Andhra Pradesh)	125	150	150
Limestone				
Grade I	Ex-mine Tirunelveli (Tamil Nadu)	1000	1250	1300
Grade II	Ex-mine Tirunelveli (Tamil Nadu)	208-225	225-228.32	228.32-245.72
Grade III	Ex-mine Tirunelveli (Tamil Nadu)	500	500	600
Gr.II	Ex-mine Gaurala (Maharashtra)	130	130	NA
Reject	Ex-mine Gaurala (Maharashtra)	90	90	NA
Limestone	Ex-mine Macherla (Andhra Pradesh)	345.54	395.24	395.24
B.F Lumps	Ex-mine Sundargarh (Odisha)	445-578	445-578	NA
Limestone Gitti 30-80 mm	Ex-mine Jaisalmer (Rajasthan)	383-414	383-414	NA
Limestone Gitti 10-35 mm	Ex-mine Jaisalmer (Rajasthan)	183-198	183-198	NA
Limestone (Fines)	f.o.r Birmitrapur (Odisha)	80-184	181	-
Limestone (Boulder)	f.o.r Birmitrapur (Odisha)	376	351-376	-
Cement Grade	Ex-mine Jadua (Gujarat)	91.79	89.11	89.11
40-80 mm	Ex-mine RSMML (Rajasthan)	519	550	577
30-60 mm	Ex-mine RSMML (Rajasthan)	519	550	577
30-50 mm	Ex-mine RSMML (Rajasthan)	519	550	577
10-35 mm	Ex-mine RSMML (Rajasthan)	319	334	347
- 600 mm	Ex-mine MML (Karnataka)	-	115	125
Cement Gr.Lumps Up to 300 mm	Ex-mine MML (Karnataka)	125	142	135
Chemical Gr.Lumps Up to 300 mm	Ex-mine MML (Karnataka)	135	150	150
40-80 mm	Ex-mine MML (Karnataka)	215	215	240
10-39 mm	Ex-mine MML (Karnataka)	245	260	260
-10 mm	Ex-mine MML (Karnataka)	100	135	135
B/F	Ex-mine JSMDCL (Jharkhand)	240	333	333
Cement	Ex-mine JSMDCL (Jharkhand)	260	260	260
B/F	Ex-mine Katni (Madhya Pradesh)	250-320	190-370	224-600
Magnesite				
Between 1- 2.99% SiO ₂	Ex-mine MML Karya (Karnataka)	3210	3860	4460
Between 3- 3.99% SiO ₂	Ex-mine MML Karya (Karnataka)	2850	3425	4000
Between 4- 5.99% SiO ₂	Ex-mine MML Karya (Karnataka)	2650	3200	3700
Above 6%	Ex-mine MML Karya (Karnataka)	1350	1400	2000
Below 1% SiO ₂	Ex-mine MML Karya (Karnataka)	4880	4900	6000
Between 1- 2.99% SiO ₂	Ex-mine MML Allaiyanapura (Karnataka)	3000	3500	4200
Between 3- 3.99% SiO ₂	Ex-mine MML Allaiyanapura (Karnataka)	2500	3000	3600
Above 6%	Ex-mine MML Allaiyanapura (Karnataka)	1350	1400	1680
Reject raw magnesite > 10% SiO ₂	Ex -mine Chettichavadi (Tamil Nadu)	1650	2000	2200
	Ex-mine Arasu (Tamil Nadu)	1432	1407	2076
	Ex-mine Jhiroli (Uttar Pradesh)	1346	1298	1615
	Ex-mine Dundu (Uttar Pradesh)	1018	1136	1175
Magnesite Lumps	Ex-mine Sri Ponguru (Tamil Nadu)	2110	2310	2310-2600
Magnesite Jallys	Ex-mine Sri Ponguru (Tamil Nadu)	1900	2100	2100-2600
Raw Magnesite Lumps B grade	Ex-mine Haldwani (Uttarakhand)	1050	1125-1145	1175
Raw Magnesite Chips	Ex-mine Haldwani (Uttarakhand)	1050	1100-1145	1175
Mica*				
Splittings	Average c.i.f. price	18.24	33.7	32.32
Mica powder	Average c.i.f. price	66.9	54.46	36.87
Micanite and all sort of builtup mica	Average c.i.f. price	96.45	154.11	154.50
Mixed blocks	Ex-mine Utukur (Andhra Pradesh)	39-90	39-90	NA
Crude mica (split)	Ex-mine Mahanth (Andhra Pradesh)	20	25	25
Uncut chillas	Ex-mine Kalichedu (Andhra Pradesh)	30	30	NA
Cut mica spotted	Ex-mine Kalichedu (Andhra Pradesh)	100	100	NA
4 up crude	Ex-mine Kalichedu (Andhra Pradesh)	90	90	NA
5 down crude	Ex-mine Kalichedu (Andhra Pradesh)	13	13	NA

(Contd.)

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Table - 3 (Contd.)

Grade	Market	2010-11	2011-12	2012-13 (P)
Ochre				
	Ex-mine Kalugotla (Andhra Pradesh)	200	100	150
	Ex-mine Fangli (Gujarat)	110	110	170
	Ex-mine Tikar (Madhya Pradesh)	80	NA	110
	Ex-mine Piparitola (Madhya Pradesh)	150	150	250
	Ex-mine Onkarpura (Rajasthan)	NA	247	250
	Ex-mine Iswal Sare (Rajasthan)	126	150	150
Red ochre	Ex-mine Gagrol (Rajasthan)	50	50	NA
Red ochre	Ex-mine Bambora (Rajasthan)	50	50	NA
Pyrophyllite				
Pyrophyllite	Ex-mine Pohara (Maharashtra)	336	345	360-390
mesh (300) Powder CG-1	f.o.r. Niwari Factory (Madhya Pradesh)	3000	3150	3300
mesh (300) Powder Super	f.o.r. Niwari Factory (Madhya Pradesh)	4300	4800	5000
mesh (400) Powder Super	f.o.r. Niwari Factory (Madhya Pradesh)	4800	5300	5500
mesh (240) Powder CG-2	f.o.r. Niwari Factory (Madhya Pradesh)	2350	2400	2500
mesh (240) Powder CG-3	f.o.r. Niwari Factory (Madhya Pradesh)	1600	2400	2400
mesh (240) Powder CG-1	f.o.r. Niwari Factory (Madhya Pradesh)	2800	2850	3000
mesh (200) Powder CG-1	f.o.r. Niwari Factory (Madhya Pradesh)	2600	2650	2750
Lumps CG-1	Ex-mine Niwari (Madhya Pradesh)	1600	2250	2250
Lumps CG-2	Ex-mine Niwari (Madhya Pradesh)	1000	1500	1500
Lumps CG-3	Ex-mine Niwari (Madhya Pradesh)	700	1125	1050
Lumps CG-4	Ex-mine Niwari (Madhya Pradesh)	NA	688	600
Pyrophyllite	Ex-mine Khurai (Madhya Pradesh)	550	700	700
Pyrophyllite	Ex-mine Puradhankuan (Uttar Pradesh)	500	600	600
Quartz				
SiO ₂ 99%	Ex-mine WBMDT (West Bangal)	280	270	277.5
	Ex-mine Godhra (Gujarat)	200	200	NA
	Ex-mine Sarita (Andhra Pradesh)	300	300	886
	Ex-mine Karma (Jharkhand)	150	143	167
	Ex-mine Jaruadih (Jharkhand)	150	141	250
	Ex-mine Wadad (Maharashtra)	250	NA	781
	Ex-mine Devnara (Maharashtra)	180	500	900
	Ex-mine Dhani (Rajasthan)	150	150	-
	Ex-mine Ghodas (Rajasthan)	175	300	300
	Ex-mine Chamundeswari (Andhra Pradesh)	350	250	205
	Ex-mine Chellala Chelimala (Andhra Pradesh)	180	180	280
	Ex-mine Rajapur (Andhra Pradesh)	142	180	192
	Ex-mine Gottimukhala (Andhra Pradesh)	200	300	300
	Ex-mine Jukal (Andhra Pradesh)	200	250	250
	Ex-mine Dokelav (Gujarat)	145	145	145
	Ex-mine Kakana Bhashawada (Gujarat)	145	145	145
	Ex-mine Jamkanali (Jharkhand)	120	120	121
	Ex-mine Asuna (Rajasthan)	225	266	256
Quartzite				
	Ex-mine Mirzapur (Bihar)	500	600	978
	Ex-mine Shitalpur (Bihar)	328	357	454
	Ex-mine Kedro (Jharkhand)	220	220	NA
	Ex-mine Goravanakolla (Karnataka)	315	410	490
	Ex-mine Kolara (Rajasthan)	435	435	159
(a to z grade)	Ex-mine Saundatti (Karnataka)	350	450	525
Rock Salt				
Large size	Ex-mine Guma/Drang (Himachal Pradesh)	3350	-	-
Medium size	Ex-mine Guma/Drang (Himachal Pradesh)	2900	-	-
Small size	Ex-mine Guma/Drang (Himachal Pradesh)	1600	-	-

(Contd.)

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Table - 3 (Contd.)

Grade	Market	2010-11	2011-12	2012-13(P)
Rutile				
Q/MK/OR (Ex-works Bagged)	Ex-works Chavara (Kerala/ Manavalakurichi (Tamil Nadu) OSCOM (Odisha)	35000-41000	37500-109000	37500-109000
Processed	V.V. Mineral (Ex-warehouse price -Tuticorin)	37565	70610	122422
Selenite				
Above 95% CaSO ₄ .2H ₂ O	Ex-pit Thob (Rajasthan)	850	1100-1150	1330
Above 95% CaSO ₄ .2H ₂ O	Ex-pit Lunkaransar (Rajasthan)	850	1100-1150	1330
Silica sand				
	Ex-mine Uppalapadu (Andhra Pradesh)	190	219	NA
	Ex-mine Southern Silica (Andhra Pradesh)	99	107	250
Foundry grade	Ex-mine Kasarde (Maharashtra)	150	150	200
	Ex-mine Jitendra (Uttar Pradesh)	300	320	-
Cement Grade	Ex-mine Motiber (Gujarat)	34.1	34.73	34.73
All grade	Ex-mine Mangalore (Karnataka)	280	-	385
Sillimanite				
'Q/MK' Grade (bagged)	Ex-works Chavara (Kerala)	11000	11000	11000
OR Grade (bagged)	Ex-works OSCOM (Odisha)	12000	10000-12000	10000-12000
Grade II - A (Lumps)	Ex-mine Pohra (Maharashtra)	3700	3840	3900
Grade II - B (Lumps)	Ex-mine Pohra (Maharashtra)	1650-1660	1680	1800
Grade III	Ex-mine Pohra (Maharashtra)	1800-1805	1825	1850
Chilly Grade II	Ex-mine Pohra (Maharashtra)	2250-2295	2335	2400-2850
Unsorted Chilly	Ex-mine Pohra (Maharashtra)	1270-1285	1350	1400
Lumps	Ex-mine Garhpendhari (Maharashtra)	770	781	781-1075
50+/-5% Al ₂ O ₃	Ex-mine Pavri (Maharashtra)	4950	5825	5875
	Ex-mine Trimex (Andhra Pradesh)	7644	9514.93	8590.93
	f.o.b. Trimex (Andhra Pradesh)	7644	10174.93	12061.69
Talc/steatite/soapstone				
Lumps 1st grade	Ex-mine Devpur (Rajasthan)	2100-2400	2610-2750	2750-3000
Lumps 2nd grade gitti	Ex-mine Devpur (Rajasthan)	1416-2079	2000-2400	2100-2500
Lumps 2nd grade	Ex-mine Devpur (Rajasthan)	-	1000-1697	1700-2000
Gitti 2nd grade	Ex-mine Devpur (Rajasthan)	1156-1290	1700-2000	1450-1697
Jurry/Ruffa	Ex-mine Devpur (Rajasthan)	130-472	150-700	160-900
Paper	Ex-mine Semal (Rajasthan)	750	750	850
Paper	Ex-mine Chanawada (Rajasthan)	450	700	800
Insecticide	Ex-mine Chanawada (Rajasthan)	150	120	150
Insecticide	Ex-mine Semal (Rajasthan)	115	90	100
Insecticide grade II	Ex-mine Golcha/UMDS Ltd. (Rajasthan)	550	550	NA
Insecticide grade III	Ex-mine Golcha/UMDS Ltd. (Rajasthan)	650	650	NA
Insecticide grade V	Ex-mine Golcha/UMDS Ltd. (Rajasthan)	700	700	NA
Other than Insecticide Gr.	Ex-mine Golcha /UMDS Ltd.(Rajasthan)	850-950	850-950	NA
Other than Insecticide & Insecticide	Ex-mine Nathdwara (Rajasthan)	580	580	NA
Other than Insecticide & Insecticide	f.o.r. Udaipur (Rajasthan)	700	641	641

(Contd.)

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Table - 3 (Concl'd.)

Grade	Market	2010-11	2011-12	2012-13(P)
r.o.m	Ex-mine Gudda (Rajasthan)	NA	200	200
Fine grade	Ex-mine Rajasthan Mineral & Co.(Rajasthan)	300	350	400
Insecticide	Ex-mine Rajasthan Mineral & Co.(Rajasthan)	175	200	220
Other than Insecticide	Ex-mine Bhungapat (Rajasthan)	1119.72	2137.31	2250.64
Insecticide	Ex-mine Bhungapat (Rajasthan)	90.68	414.46	458.38
Other than Insecticide	Ex-mine Devla Jakhm (Rajasthan)	553.22	1474.44	1719.59
Insecticide	Ex-mine Devla Jakhm (Rajasthan)	68.93	332.52	417.22
Other than Insecticide	Ex-mine Devpura I (Rajasthan)	1194.76	1849.21	2087.17
Insecticide	Ex-mine Devpura I (Rajasthan)	78.93	352.04	389.02
Other than Insecticide	Ex-mine Devpura III (Rajasthan)	1427.97	1669.19	1701.21
Insecticide	Ex-mine Devpura III (Rajasthan)	299.74	284.35	397.57
Other than Insecticide	Ex-mine Lohagarh (Rajasthan)	1441.65	981.33	-
Insecticide	Ex-mine Lohagarh (Rajasthan)	71	180	-
Vermiculite				
Ex-mine Sevathur (Tamil Nadu)		2238	2226	2226
r.o.m	Ex-factory S.Kota (Andhra Pradesh)	2100	2600	3100
raw vermiculite (2-4 mm)	Ex-mine Dugar (Andhra Pradesh)	4500	5000	5000
raw vermiculite (1-2 mm)	Ex-mine Dugar (Andhra Pradesh)	4500	5000	5000
raw vermiculite (-1+0.5 mm)	Ex-mine Dugar (Andhra Pradesh)	4500	5000	5000
raw vermiculite (-0.5 mm)	Ex-mine Dugar (Andhra Pradesh)	4500	5000	5000
exfoliated vermiculite (4-7 mm)	Ex-mine Dugar (Andhra Pradesh)	8500	10000	10000
exfoliated vermiculite (2-4 mm)	Ex-mine Dugar (Andhra Pradesh)	7500	8000	9000
exfoliated vermiculite (1-2 mm)	Ex-mine Dugar (Andhra Pradesh)	7500	8000	9000
exfoliated vermiculite (-1+0.5 mm)	Ex-mine Dugar (Andhra Pradesh)	7500	8000	8500
exfoliated vermiculite (-0.5 mm)	Ex-mine Dugar (Andhra Pradesh)	7500	7500	8500
Wollastonite				
r.o.m	Ex-mine Belka Pahar (Rajasthan)	1040	1040-1200	1200-1440
r.o.m	Ex-mine Kheratarla (Rajasthan)	800	800-920	830-930
r.o.m reject	Ex-mine Kheratarla (Rajasthan)	545	645	575-645
M-4 grade	Ex-mine Kheratarla (Rajasthan)	940	940-1100	982-1100
Zircon				
Q/MK (Bagged)	Ex-works Chavara (Kerala/ Manavalakurichi (Tamil Nadu)	41000-62000	62000-121500	62000-121500
OR (Bagged)	Ex-works OSCOM (Odisha)	38000-57000	57000-112000	57000-112000
processed	V.V.Mineral (Ex-warehouse price -Tuticorin)	27425	94546	102579

*Prices are in ₹ per kg.

PRICES

**Table – 4: Prices of Minerals, 2010-11 to 2012-13
(Foreign Markets)**

Grade	Market	Unit	Currency	2010-11	2011-12	2012-13 (P)
Alumina						
Alumina Calcined 98.5-99.5% Al ₂ O ₃ , bulk FOB	US refinery	tonne	\$	600-700	675-725	675-725
Alumina Calcined, 98.5-99.5% Al ₂ O ₃ , calcined, ground, bulk FOB	US refinery	tonne	\$	700-800	750-850	750-850
Calcined, Medium-Sode Al ₂ O ₃ ,bulk FOB	US refinery	tonne	\$	NA	800-850	800-850
Alumina fused						
Brown 95% min. Al ₂ O ₃ , FEPA FB-220 Grit,	f.o.b. China	tonne	\$	750-800	772-787	800-840
Brown 95.5% Al ₂ O ₃ , lump & sized White 25 kg bags,	f.o.b. China c.i.f. Europe	tonne	\$	640-735	654-711	660-730
Brown 94% Al ₂ O ₃ , FEPA 8-220, mesh refractory (mm)	China	tonne	\$	NA	750-850	750-850
Andalusite						
57-58% Al ₂ O ₃ , 2000 tonne bulk	FCA Mine-RSA	tonne	£	230-265	235-280	235-280
55-59 % Al ₂ O ₃ ,	f.o.b. European port	tonne	£	345-400	350-425	350-425
Barytes						
Drilling grade						
Unground lump OCMA/API bulk, SG 4.20	f.o.b. Chennai	tonne	\$	72-74	142-146	140-145
	f.o.b. Morocco	tonne	\$	84-89	108-113	130-145
	f.o.b. China	tonne	\$	72-75	129-135	130-140
Moroccan	c.&f. North Sea	tonne	\$	100-105	124-129	145-160
A.P.I. Lump						
Chinese	c.i.f. Gulf Coast	tonne	\$	100-108	140-157	155-160
Indian	c.i.f. Gulf Coast	tonne	\$	107-112	147-157	157-171
Ground, OCMA Bulk	Delivered Aberdeen	tonne	£	95-105	95-105	95-105
Ground, OCMA Bulk	Delivered Gt.Yarmouth	tonne	£	110-120	110-120	110-120
OCMA/API, bigbags (1.5t)	f.o.b. S.Turkey	tonne	\$	125-135	150-155	150-155
sg 4.22, BAGGED,	f.o.b. Morocco	tonne	\$	135-147	135-147	135-147
Paint grades						
Ground White 96-98% BaSO ₄ 350 mesh, 1-5 lots,	Delivered UK	tonne	£	195-220	195-220	195-220
Chinese lump, 95% < 20 microns	CIF Gulf Coast	short ton	\$	230-240	250-280	235-275
Ground, white, 96-98% BaSO ₄ 325-350 mesh, 1-5 lots,	ex-works USA	short ton	\$	NA	315-400	315-400
Chemical Grade						
Chinese	c.i.f. Gulf Coast	tonne	\$	138-145	163-170	170-182
Bauxite						
Refractory grade						
Round kiln 87/1.8/3.20+	Shanxi,f.o.b. Xingang	tonne	\$	500-535	NA	NA
Round kiln 87/2.0/3.20	Shanxi,f.o.b. Xingang	tonne	\$	510-535	510-535	420-435
Round kiln 86/2.0/3.15	Shanxi,f.o.b. Xingang	tonne	\$	500-525	500-525	400-430
Round kiln 85/2.0/3.15	Shanxi,f.o.b. Xingang	tonne	\$	405-425	405-425	410-420
Rotory kiln 87/1.8/3.20+	Shanxi,f.o.b. Xingang	tonne	\$	495-535	495-535	NA
Rotory kiln 87/1.8/3.20	Shanxi,f.o.b. Xingang	tonne	\$	480-525	480-525	NA
Rotory kiln 85/1.8/3.15	Shanxi,f.o.b. Xingang	tonne	\$	405-425	475-525	NA
Rotory kiln 86/1.8/3.20	Shanxi,f.o.b. Xingang	tonne	\$	480-500	480-500	NA
Rotory kiln 86/1.8/3.15	Shanxi,f.o.b. Xingang	tonne	\$	475-525	405-425	NA
Round kiln 87/2.0/3.2	Guizhou f.o.b. Znanjiang/ Fangcheng	tonne	\$	470-525	470-525	NA
Guyana RASC Bauxite bulk	f.o.b. Liden	tonne	\$	460-510	460-510	460-510

(Contd.)

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Table - 4 (Contd.)

Grade	Market	Unit	Currency	2010-11	2011-12	2012-13 (P)
Abrasive Grade						
Chinese	c.i.f. North Europe and USA	tonne	\$	450-500	NA	NA
Chinese	f.o.b. China	tonne	\$	320-350	320-350	320-350
Welding Grade						
China	f.o.b. China	tonne	\$	470-480	470-480	500-520
Guayna	f.o.b. Guayna	tonne	\$	450-510	450-510	450-510
Bentonite						
Wyoming, API grade, bagged rail cars	Ex-works USA	short ton	\$	70-100	78-120	90-130
Wyoming foundry grade bagged	Ex-works USA	short ton	\$	90-115	90-115	97-124
Wyoming IOP grade, crude, bulk	Ex-works USA	short ton	\$	55-60	55-60	NA
Cat litter Grade 1.5 mm bulk	f.o.b. Main European port	short ton	£	42-60	42-60	42-60
Borates/Boron mineral						
Boric Acid, Latin american, Colemanite, Latin american, 40% B ₂ O ₃	f.o.b. Chile	tonne	\$	950	1250-1309	1250-1309
Decahydrate Borax, Latin american	f.o.b. Buenos Aires	tonne	\$	370-420	690-730	690-730
	f.o.b. Buenos Aires	tonne	\$	520	947-979	947-979
Chromite						
Chemical grade, 46% Cr₂O₃, wet bulk	f.o.b. Transvaal (S.A)	tonne	\$	335-365	280-360	320-340
Refractory Grade 46% Cr₂O₃,						
wet bulk	f.o.b. Transvaal (S.A)	tonne	\$	375-450	425-500	425-500
Metallurgical Grade, friable lumpy 40% Cr ₂ O ₃ ,	South African Northwest	tonne	\$	185-250	180-210	NA
Sand Moulding grade 98% Cr ₂ O ₃ ,	del UK	tonne	£	360-380	390-450	NA
Foundry Grade, 46-47% Cr₂O₃,						
wet bulk	f.o.b. South Africa	tonne	\$	370-415	390-420	360-380
Foundry Grade +47% Cr ₂ O ₃ , dried 1 tonne big bag	f.o.b. South Africa	tonne	\$	NA	450-500	NA
Foundry Grade 45.8% min Cr ₂ O ₃ , wet bulk	f.o.b. South Africa	tonne	\$	NA	390-420	NA
Diatomite						
U.S. Calcined filter aids	Delivered UK	tonne	£	575-640	575-640	575-640
U.S. Flux Calcined filter aids	Delivered UK	tonne	£	580-825	580-825	580-825
Felspar						
Turkish, Na felspar, Crude, -10 mm bulk	f.o.b. Gulluk	tonne	\$	22-23	22-23	22-23
Turkish, Na felspar Glass Grade 500 Microns bagged	f.o.b. Gulluk	tonne	\$	70	70	70
(-38 microns, FCL's bagged > 90 Brightness	f.o.b. Durban, South Africa	tonne	\$	NA	168	168
(Na)ceramiic grade, 170-200 mesh, bagged	ex-works USA	tonne	\$	NA	150-180	NA
Na felspar, floated -150 microns, bagged	f.o.b. Guluk, Turkey	tonne	\$	NA	53-55	NA
Na felspar, floated -500 microns, bulk	f.o.b. Guluk, Turkey	tonne	\$	NA	38-40	NA

(Contd.)

PRICES

Table - 4 (Contd.)

Grade	Market	Unit	Currency	2010-11	2011-12	2012-13 (P)
Fluorite (Fluorspar)						
Acidspar filtercake, bulk						
Mexican<5ppm acidspar filtercake	f.o.b. Tampico	tonne	\$	350-370	540-550	NA
Mexican	f.o.b. Tampico	tonne	\$	330-360	400-450	NA
Chinese wet filtercake	c.i.f. Rotterdam	tonne	\$	450-470	550-650	500-530
Chinese wet filtercake	f.o.b. China	tonne	\$	400-420	450-500	NA
South African dry basis	f.o.b. Durban	tonne	\$	330-335	380-450	NA
Chinese, dry basis	c.i.f. U.S. Gulf Port	tonne	\$	440-460	550-650	480-530
Metallurgical						
Chinese, min 85% CaF ₂	c.i.f. Rotterdam	tonne	\$	280-310	310-359	355-375
Mexican	f.o.b. Tampico	tonne	\$	180-220	230-270	230-270
Chinese, min 80% wet, bulk	f.o.b. China	tonne	\$	255-265	312-331	315-375
Chinese, min 85% CaF ₂ bulk	f.o.b. China	tonne	\$	285-295	359-381	NA
Chinese, min 90% CaF ₂ bulk	f.o.b. China	tonne	\$	NA	423-452	NA
Graphite						
Crystalline large Flake, 94-97% C + 80 mesh	c.i.f. European Port	tonne	\$	2000-2500	2500-3000	1400-1500
Crystalline medium Flake 94-97% C + 100-80 mesh	c.i.f. European Port	tonne	\$	1800-2300	2200-2500	1100-1300
Crystalline fine 94-97% C -100 mesh	c.i.f. European Port	tonne	\$	1750-2150	2000-2400	900-1200
Crystalline large Flake, 90% C + 80 mesh	c.i.f. European Port	tonne	\$	1100-1350	2000-2500	1200-1400
Crystalline medium Flake, 90% C + 100-80 mesh	c.i.f. European Port	tonne	\$	1050-1300	1500-2000	950-1000
Crystalline fine 90% C - 100 mesh	c.i.f. European Port	tonne	\$	1400-1800	1400-1800	850-1050
Amorphous powder 80-85%	Chinese del Europe	tonne	\$	600-800	600-800	500-700
Synthetic fine 97-98%	c.i.f. Asia	tonne	\$	NA	950-1450	NA
Synthetic fine 98-99%	c.i.f. Asia	tonne	\$	NA	1000-1500	NA
Synthetic 99.5% C	Swiss border	per Kg.	\$	7-20	7-20	NA
Ilmenite						
Australian, bulk concentrate min 54% TiO ₂ ,	f.o.b.	tonne	\$	120-140	250-350	250-350
Australian, spot price min 54% TiO ₂	f.o.b.	tonne	\$	120-140	250-350	250-350
Kaolin						
No 1 paper coating grade	Ex-Georgia Plant	short ton	\$	150-195	161-209	161-209
No 2 paper coating grade	Ex-Georgia Plant	short ton	\$	100-155	107.50-166.7	107.50-166.7
Kyanite						
Ex-works USA 54 - 60% Al ₂ O ₃ raw kyanite	Ex-works USA	short ton	\$	224-320	224-320	224-320
Kyanite 54 - 60% Al ₂ O ₃ 22 ton lots Calcined	Ex-works USA	tonne	\$	373-439	373-439	373-439

(Contd.)

PRICES

Table - 4 (Contd.)

Grade	Market	Unit	Currency	2010-11	2011-12	2012-13 (P)
Magnesite						
European calcined agriculture	c.i.f. main European Port	tonne	•	220-330	240-350	240-350
Chinese Calcined 90-92% tonne MgO Lump	f.o.b. China	tonne	\$	370-480	370-480	303-343
Dead burned Chinese 97.5% MgO Lump	c.i.f. main European Port	tonne	•	530-560	560-600	531-583
Dead burned Chinese 94-95% MgO Lump	f.o.b. China	tonne	\$	460-520	410-480	450-480
Dead burned Chinese 92% MgO Lump	f.o.b. China	tonne	\$	430-470	430-470	410-450
Dead burned Chinese 90% MgO Lump	f.o.b. China	tonne	\$	400-450	350-400	320-350
Fused Lump 96% MgO	f.o.b. China	tonne	\$	790-860	790-800	600-630
Fused Lump 97% MgO	f.o.b. China	tonne	\$	930-1050	930-1050	890-1000
Fused Lump 98% MgO	f.o.b. China	tonne	\$	1080-1210	1080-1210	1023-1100
Greek, raw (< 3.5% SiO ₂)	f.o.b. East Mediterranean	tonne	•	65-75	65-75	65-75
Mica						
Indian mine scrap green (Andhra Pradesh) for mica paper	f.o.b. Madras	tonne	\$	300-400	300-400	300-400
Wet ground	f.o.b. Plant. USA	tonne	\$	700-1300	700-1300	NA
Micronised	f.o.b. Plant. USA	tonne	\$	700-1000	700-1000	NA
Flake	f.o.b. Plant. USA	tonne	\$	350-500	350-500	NA
Indian wet ground	c.i.f. Europe	tonne	\$	600-900	600-900	600-900
Perlite						
Raw crushed, grade, big bags	f.o.b. Turkey	tonne	\$	95-100	95-100	95-100
Raw crushed grade, bulk	f.o.b. Turkey	tonne	\$	80-85	80-85	80-85
Coarse (filter aid)	f.o.b. East Mediterranean	tonne	•	65-70	65-70	70-75
Rare earths minerals						
Min. 99%, large purchases,						
Cerium oxide	f.o.b. China	kg	\$	96-106	45-50	12-13
Europian oxide	f.o.b. China	kg	\$	820-830	3600-4000	1600-1820
Lanthanum oxide	f.o.b. China	kg	\$	93-103	50-60	11-13
Neodymium oxide	f.o.b. China	kg	\$	166-172	200-280	80-85
Dysprosium oxide	f.o.b. China	kg	\$	NA	1420-1700	630-890
Rutile						
Australian concentrates, min 95% TiO ₂ bagged	f.o.b.	tonne	\$	850-900	2480-2700	1500-1700
Australian concentrates, min 95% TiO ₂ large.vol.for pigment	f.o.b.	tonne	\$	700-750	1990-2050	1400-1700
Salt						
Australian solar salt, bulk	c.i.f. Shanghai	tonne	\$	50	50	50
Industrial solar salt,	Ex-works China	tonne	\$	27-29	27-29	27-29
Industrial Vacuum Salt	Ex-works China	tonne	\$	35-40	35-40	35-40

(Contd.)

PRICES

Table - 4 (Concl'd.)

Grade	Market	Unit	Currency	2010-11	2011-12	2012-13 (P)
Silica sand						
Minus 20 micron FCL's bagged >92 Brightness	f.o.b Durban	tonne	\$	295	295	295
Glass sand Container	Ex-works USA	tonne	£	20-26	20-26	20-26
Vermiculite						
South African, bulk	f.o.b. Rotterdam	tonne	\$	280-450	400-850	400-850
Wollastonite						
Acicular, minus 200 mesh	Ex-works US	short ton	\$	210-240	210-240	210-240
Acicular, minus 325 mesh	Ex-works US	short ton	\$	220-250	220-250	220-250
Acicular, 15:1-20:1 aspect ratio	Ex-works US	short ton	\$	444	444	444
Chinese						
Acicular, minus 200 mesh	f.o.b. China	tonne	\$	80-90	80-90	NA
Acicular, minus 325 mesh	f.o.b. China	tonne	\$	90-100	90-100	NA
Zircon						
Zircon Australian, bulk Premium	f.o.b. Australian Premium	tonne	\$	1600-1700	2500-2640	1350-1550
Zircon Australian, bulk Standard	f.o.b. Australian Standard	tonne	\$	1600-1700	2400-2600	1250-1550
Zircon USA, bulk Premium	f.o.b. USA, Premium	tonne	\$	950-1050	2600-3000	2600-3000
Zircon USA, bulk Standard	f.o.b. USA, Standard	tonne	\$	850-950	2550-2750	2550-2750
Zircon ceramic, bulk	f.o.b. South Africa	tonne	\$	1500-1600	2300-2650	2300-2650
Micronised zircon						
99.5% <4 m, average particle size <0.95 m	c&f Asia	tonne	\$	1100-1400	2750-2800	2750-2800
Fused Zirconia						
Contract Price						
Monoclinic, refractory/abrasive,	c.i.f. main European port	tonne	\$	6200-7200	6500-7800	NA
Monoclinic, ceramic pigment grade,	c.i.f. main European port	tonne	\$	NA	3800-4800	NA
Monoclinic, Structural ceramic grade,	c.i.f. main European port	tonne	\$	NA	4600-6000	NA
Electronic grade,						
Monoclinic, Technical ceramic grade	c.i.f. main European port	tonne	\$	NA	15900-21000	NA
Stabilised, Refractory grade,	c.i.f. main European port	tonne	\$	NA	6500-7800	NA

Source : Industrial minerals.

PRICES

2. METALS

2.1 Domestic Markets

In the Mumbai and Delhi domestic markets, mostly upward trend is observed in 2012-13 in the prices of non-ferrous metals as compared to the previous year. The prices of **aluminium** all grades increased by 3 % to 12%, **brass** all varieties prices increased by 2 % to 4 %, **copper** all varieties prices raised by 2 % to 10 %, prices of **gun metal** increased by 3%, **lead** prices increased by 15 to 19 %, **nickel** prices decreased by 5 % to 6%, **silver** prices in Mumbai markets decreased by 4 % whereas in Delhi and Chennai market prices were increased slightly, tin prices increased by 7% and zinc prices increased by 11 to 13 %. All varieties of **gold** in Mumbai, Delhi and Chennai markets showed an increase of 17% to 18% (Table -5).

Various items of **steel** showed higher prices during 2012-13 in all the markets as compared to the preceding year (Table - 6).

2.2 Foreign Markets

The Prices of metals in the foreign markets exhibited mostly downward trend during the year 2012-13 as compared to the previous year except germanium min. 99.99% and palladium min. 99.9%. The prices of aluminium HG, copper grade A, lead, nickel, tin HG and zinc SHG have decreased during the year 2012-13 (in the month of March) as compared to the previous year. The price of gold (London), indium (min. 99.97%, min. 99.9%), magnesium min. 99.8%, manganese min. 99.7%, mercury min. 99.99%, molybdenum, platinum min. 99.9%, rhodium min. 99.9%, rhuthenium min. 99.9%, selenium min. 99.5 %, silver London and silicon have decreased during the year 2012-13 as compared to that of previous year (Table -7).

**Table – 5: Prices of Metals (Non-ferrous), 2010-11 to 2012-13
(Domestic Markets)**

(In ₹ per quintal)				
Grade	Market	2010-11	2011-12	2012-13 (P)
Aluminium				
Utensil Scrap	Mumbai	10610	11148	11432
Sheet Scrap	Mumbai	12586	12924	13868
Wire Rod	Mumbai	14352	14124	15837
Ingot	Mumbai	13386	13410	14026
Wire Scrap	Mumbai	13214	13200	14442
Sheets (Scrap)	Delhi	12957	12933	13600
Utensil Scrap	Delhi	11948	11833	12426
Wire Scrap	Delhi	13276	13233	13874
Brass				
Honey	Mumbai	30138	31362	32458
Utensil Scrap	Mumbai	31043	31805	32516
Sheet Cutting	Mumbai	31895	32633	33533
Sheet Scrap	Delhi	31895	32667	NA

(Contd.)

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Table - 5 (Concl.)

Grade	Market	2010-11	2011-12	2012-13 (P)
Copper				
Wire Scrap	Mumbai	35881	44938	46000
Utensil Scrap	Mumbai	42495	43490	44900
Wire Rod	Mumbai	47810	47967	51979
Wire Bar	Mumbai	49686	50457	51879
Cathode	Mumbai	47500	44471	48884
Wire Scrap	Delhi	41310	45390	46711
Wire Bar	Delhi	50452	49862	50658
Wire	Delhi	37762	49152	50563
Mixed Scrap	Delhi	41143	43348	44774
Gold*				
24 Carat	Mumbai	19229	25675	30160
Standard	Delhi	19527	25995	30606
Biscuits	Delhi	19493	26094	30623
Sovereign #	Delhi	19527	26543	31047
24 Carat	Chennai	19282	25882	30338
Gun Metal				
Gun Metal/Scrap	Delhi	30676	33419	34389
Lead				
Ingot	Mumbai	12114	11852	13674
Soft	Delhi	12795	11471	13637
Nickel				
Ingot	Mumbai	135190	110905	105611
Ingot	Delhi	133624	110743	104637
Silver**				
0.999 (Finesse)	Mumbai	37186	57106	54993
0.999 (Finesse)	Delhi	36886	57003	57163
Raw	Delhi	36538	NA	NA
Ready	Chennai	37018	57020	57315
Tin				
Ingot	Mumbai	160333	132990	142505
Solder (40%)	Delhi	26124	11867	NA
Ingot	Delhi	159348	133133	142253
Zinc				
Ingot	Mumbai	13119	12919	14611
Ingot	Delhi	15414	13481	14900
Dross	Delhi	12657	11162	12342

* Prices in ₹ per 10 g

** Prices in ₹ per kg

Price per piece

Source: Minerals and Metals Review.

PRICES

**Table – 6 : Prices of Steel, 2010-11 to 2012-13
(Domestic Markets)**

(In ₹ per tonne)

Grade	Market	2010-11	2011-12	2012-13 (P)
TMT Bars (ISI, 8 mm)	Delhi	32738	34742	36741
Joists (150 x 75 mm)	“	30312	32066	34407
Channels (75 x 40 mm)	“	30713	32671	35214
MS Squares (8 mm)	“	31755	33742	35964
MS Angles (25 x 3 mm)	“	31358	34532	36835
Melting Scrap	“	22704	27629	30421
Induction Ingots	“	27334	30697	35024
Joists (150 x 75 mm)	Mumbai	28173	30626	33034
MS Angles (40 x 6 mm)	“	30358	32892	35278
Induction ingots	“	26515	30606	34499
Melting Scrap	“	22371	27740	28450
CTD Bars (local 8 mm)	“	30735	32975	35253
MS Rounds (8 mm)	“	30075	31915	34051
Arc Ingots	“	26568	31150	35217
Concast Billet ingots	“	26745	31292	35234
CTD Bars (ISI, 8 mm)	Kolkata	26348	28389	31725
MS Squares (8 mm)	“	25922	28085	30338
MS Angles (25 x 3 mm)	“	30819	34092	36416
Channels (75 x 40 mm)	“	26935	29221	31736
Joists (150 x 75 mm)	“	23131	25932	29441
Induction Ingots	“	19689	28048	32486
Melting Scrap	“	18380	25519	30749
Arc Ingots	“	20057	27913	33118
Concast Billet Ingots	“	20647	28954	32747
Blooms (SAIL, 150 mm)	Mandi Gobindgarh	40860	39035	39321
Heavy Slab (BOKARO)	“	28971	32752	NA
Melting Scrap (rolling)	“	24355	29853	31314
MS Rounds (10 mm)	“	31196	38219	40590
CTD Bars (ISI 8 mm)	“	36827	40900	NA
MS Squares (8 mm)	“	30637	37396	39988
MS Angles (25 x 3 mm)	“	33758	40256	43019
Joists (150 x 75 mm)	“	27957	30508	32924
Induction ingots (round)	“	29588	35891	37375
Old Ship Breaking Scrap	“	26917	32427	34358
MS Sponge Iron	“	21575	27575	28945
Pig Iron (Foundry Grade)	“	29691	34117	34487
MS Flat (3 x 20 mm)	“	31444	37490	40698

Source: Minerals & Metals Review.

PRICES

**Table – 7: Prices of Metals, 2010-11 to 2012-13
(Foreign Markets)**

Metal/Grade	Unit	Currency	2010-11	2011-12	2012-13 (P)
Aluminium HG@	tonne	\$	2173	2395.38	2018.27
Antimony (min 99.65 %)	tonne	\$	15000	13000	11000
Arsenic (min 99 %)	pound	\$	0.65	0.65	N.A.
Bismuth (min 99.99 %)	pound	\$	10.5	11.3	9.50
Cadmium					
9.99%	pound	Cents	180	105	98
99.95%	pound	Cents	175	100	95
Chromium (min 99%)	tonne	\$	13500	12450	9900
Cobalt					
99.80%	pound	\$	20	15.25	12
Copper Grade A@	tonne	\$	7539.32	8810.9	7949.71
Germanium Dioxide	kg	\$	950	1150	1450
Gold (London)	tr oz	\$	1439	1657.5	1603
Indium					
min 99.97%	kg	\$	650	600	590
min 99.9%	kg	\$	1050	1100	1030
Lead@	tonne	\$	2147.56	2397.83	2061.39
Magnesium (min 99.9 %)	tonne	\$	3200	3200	2900
Manganese (min 99.7%)	tonne	\$	3550	3500	2500
Mercury (min 99.99%)	flask	\$	1500	3000	3600
Molybdenum	pound	\$	17.5	14.5	11.50
Nickel@	tonne	\$	21809.29	22830.54	17526.05
Palladium (min 99.9%)	tr oz	\$	766	653	760
Platinum (min 99.9%)	tr oz	\$	1773	1641	1575
Rhodium (min 99.9%)	tr oz	\$	2450	1450	1270
Ruthenium (min 99.9%)	tr oz	\$	200	130	90
Selenium (min 99.5 %)	pound	\$	75	66	44
Silver (London)	tr oz	\$	37.87	31.79	28.33
Silicon	tonne	\$	-	2150	2050
Tin HG@	tonne	\$	20447.25	26021.43	21093.43
Zinc SHG@	tonne	\$	2158.86	2190.53	1946.38

Prices at the end of March of the year stated except aluminium, copper, lead, nickel, tin and zinc.

@ Annual average LME settlement prices for the years 2011, 2012 and 2013, respectively.

Source: Minerals and Metals Review.