

भारत सरकार  
GOVERNMENT OF INDIA  
खान मंत्रालय  
MINISTRY OF MINES  
भारतीय खान ब्यूरो  
INDIAN BUREAU OF MINES  
खनन एवं खनिज सांख्यिकी प्रभाग  
MINING & MINERAL STATISTICS DIVISION

**Statistical Profiles  
of  
Minerals  
2013-14**



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**CONTROLLER GENERAL  
INDIAN BUREAU OF MINES, NAGPUR**

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# CONTENTS

	Page		Page
1. Introduction	1		
2. Agate	2	38. Limestone	74
3. Apatite	4	39. Magnesite	76
4. Asbestos	6	40. Manganese Ore	78
5. Ball Clay	8	41. Marl	80
6. Barytes	10		
		42. Mica	82
7. Bauxite	12	43. Moulding Sand	84
8. Calcareous Sand	14	44. Ochre	86
9. Calcite	16	45. Perlite	88
10. Chalk	18	46. Phosphorite/ Rock Phosphate	90
11. Chromite	20		
		47. Pyrites	92
12. Clay (Others)	22	48. Pyrophyllite	94
13. Copper Ore & Concentrates	24	49. Pyroxenite	96
14. Corundum	26	50. Quartz	98
15. Diamond	28	51. Quartzite	100
16. Diaspore	30		
		52. Ruby	102
17. Dolomite	32	53. Salt (Rock)	104
18. Dunite	34	54. Sand (Others)	106
19. Emerald	36	55. Selenite	108
20. Felsite	38	56. Shale	110
21. Felspar	40		
		57. Silica Sand	112
22. Fireclay	42	58. Sillimanite	114
23. Flint Stone	44	59. Silver	116
24. Fluorite	46	60. Slate	118
25. Garnet	48	61. Sulphur	120
26. Gold	50		
		62. Talc /Steatite /Soapstone	122
27. Graphite	52	63. Tin Concentrates	124
28. Gypsum	54	64. Tungsten Concentrates	126
29. Iolite	56	65. Vermiculite	128
30. Iron Ore & Concentrates	58	66. Wollastonite	130
31. Jasper	60		
32. Kaolin	62		
33. Kyanite	64		
34. Laterite	66		
35. Lead & Zinc Concentrates	68		
36. Lime Kankar	70		
37. Lime Shell	72		

## *Abbreviations*

N.A.	Not Available	N.E.	Not Estimated
(p)	Provisional	-	Nil
++	Negligible	Th.	Thousand
crt.	Carat	(e)	Estimated

## INTRODUCTION

This publication presenting the information on mineral production for 2013-14 is the 30<sup>th</sup> issue of the series 'Statistical Profiles of Minerals'. It provides a bird's eye view of different aspects of all the minerals (except atomic, fuel and minor minerals) produced in the country, which fall under the purview of Mineral Conservation and Development Rules, 1988 (MCDR 1988).

The total value of MCDR minerals (excluding atomic, fuel and minor minerals) produced during 2013-14 was Rs. 49578 crore. The principal minerals contributing to the total value were iron ore 65%, limestone 9%, lead & zinc concentrates 6%, chromite 5%, manganese ore 3%, bauxite 2%, copper concentrates, gold, barites, dolomite and phosphorite about 1% each. The share of these twelve minerals together in the total value of MCDR mineral production was 94% during 2013-14. The average labour employed during 2013-14 in the mines covered under MCDR 1988 was 1.31 lakh persons per day compared to 1.43 lakh persons per day in the preceding year. During 2013-14, 29% of the total labour was engaged in iron ore mines followed by 16% in limestone, 11% in manganese ore, 5% each in bauxite, chromite and lead & zinc conc., about 3% each in dolomite, gold and garnet (abrasive), 2% each in copper conc., steatite, quartz, kaolin, feldspar and sillimanite, about 1% each in barytes, chalk, laterite, magnesite, phosphorite, pyrophyllite and silica sand mines. A small number, constituting less than one percent in each case, of labour force was engaged in the mines of other minerals.

The publication contains information on various parameters i.e. mineral reserves and its life index, number of mining leases, lease area, number of mines, production by captive and non-captive mines, public & private sector, A & B category, state, grade etc. Data on employment, stock, principal mines, domestic consumption and exports/imports by countries are also presented in the publication.

The total mineral reserves/remaining resources in respect of some minerals has been updated as on 1-4-2013 and for the remaining minerals it is as on 1-4-2010. Life Indices and mineral resources data has been compiled based on the latest updated information available with this office. Due to conceptual changes, there will be a few notable variations in the life indices if compared with the earlier one. The Mineral Economics Division of the Bureau has supplied data on reserves, life index, mining leases and domestic consumption.

Data on production for 2012-13 are based on the production reported by the mine owners through Annual/Monthly returns under the provisions of the MCDR 1988 while those for 2013-14 are based on the monthly production reported by the mine owners in Monthly returns. Data on stocks relate to mine-head at the end of the financial year. The foreign trade data are incorporated for the years 2009-10 to 2013-14 and country-wise information is given for the year 2013-14 as received from the source agency i.e. Director General, Commercial Intelligence & Statistics, Kolkata. The export data includes re-exports for the years 2009-10 to 2013-14. Country-wise break-up of some of the minerals at 8-digit ITC (HS) code level is not available for the year 2013-14. The entire figures of such minerals have been grouped under country-item 'unspecified' and are covered under 'others'. The data in respect of such minerals have limitations to that extent.

## AGATE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2013	N.A.	N.A.	N.A.

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2013	No. of Leases	Lease Area
(Area in Hectares)	3	59.62

C) Mines Reporting Production :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>1</b>	<b>1</b>	<b>493</b>	<b>100</b>
Private Sector	1	1	493	100
Non- Captive	1	1	493	100
'B' Category	1	1	493	100
<b>STATES</b>				
Gujarat	1	1	493	100

D) Production Trend :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	11	19	476	493	100
<b>Value (Rs. '000)</b>	6	10	238	247	50

E) Closing Stock	:	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (tonnes)		57	25	100	56	21

F) Employment :

No. of Persons Employed per Day	09	14
Percentage Share of Employment to Total for MCDR Minerals	0.01	0.01

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(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend :**

Exports (Cut)	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Quantity</b> (Th. carats)	125	725	1733	1265	1533
<b>Value</b> (Rs. crore)	1.98	5.54	11.16	7.05	7.69
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Exports (Uncut)</b>					
<b>Quantity</b> (tonnes)	39	34	429	785	767
<b>Value</b> (Rs. crore)	0.88	1.45	4.33	9.6	8.4
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports (Cut)</b>					
<b>Quantity</b> (Th. carats)	*	3	5	1	12
<b>Value</b> (Rs. crore)	0.14	1.65	3.11	1.05	2.22
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++
<b>Imports (Uncut)</b>					
<b>Quantity</b> (tonnes)	*	1	26	52	50
<b>Value</b> (Rs. crore)	0.34	1.52	0.54	1.73	0.96
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports (cut)</b>	<b>USA</b>	<b>China P Rp</b>	<b>UK</b>	<b>Hong Kong</b>	<b>Japan</b>	<b>Others</b>
<b>Quantity</b> (Th. carats)	571	208	416	246	47	45
<b>Value</b> (Rs. crore)	2.51	1.4	1.12	0.7	0.45	1.51
<b>Exports (Uncut)</b>	<b>China P Rp</b>	<b>USA</b>	<b>Saudi Arabia</b>	<b>Australia</b>	<b>Italy</b>	<b>Others</b>
<b>Quantity</b> (tonnes)	726	8	5	1	2	25
<b>Value</b> (Rs. crore)	3.18	2.36	1.01	0.31	0.23	1.31
<b>Imports (Cut)</b>	<b>Hong Kong</b>	<b>China P Rp</b>		<b>USA</b>	<b>Others</b>	
<b>Quantity</b> (Th. carats)	8	3		++	++	
<b>Value</b> (Rs. crore)	1.8	0.2		0.15	0.07	
<b>Imports (Uncut)</b>	<b>China P Rp</b>	<b>Turkey</b>	<b>USA</b>	<b>Hong Kong</b>	<b>Tanzania Rep</b>	<b>Others</b>
<b>Quantity</b> (tonnes)	13	10	15	1	10	1
<b>Value</b> (Rs. crore)	0.41	0.16	0.12	0.1	0.08	0.09

**J) Principal Agate Mine in 2013-14 :**

Name of Mine	Location of Mine	Address of Mine Owner
Bhimpur	Vill. Bhimpur Distt. Bharuch Gujarat	A.I. Saiyad, 16, Samadhi Complex, Himmat Nagar, SabarKantha – 383 001, Gujarat.

**K) Contribution of above Mine in 2013-14:**

<b>Quantity</b> (tonnes)	100
<b>Percentage Share to All-India Production</b>	100

\* Quantity figures not given due to partial coverage. The corresponding value figures, however, have full coverage.

## APATITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013(p)</b> (Th. tonnes)	31	22630	22661

**Life Index (Years)** : Very Large

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	No. of Leases	Lease Area
	2	20.17

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	2	2	572	1300
<b>Public Sector</b>	1*	1*	-	-
<b>Private Sector</b>	1	1	572	1300
<b>Non-captive</b>	2	2	572	1300
<b>'A' Category</b>	1*	1*	-	-
<b>'B' Category</b>	1	1	572	1300
<b>STATES</b>				
Andhra Pradesh	1	1	572	1300
West Bengal	1*	1*	-	-
<b>GRADE</b>				
15-20% P <sub>2</sub> O <sub>5</sub>	2	2	572	1300

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	5992	3846	3053	572	1300
<b>Value (Rs. '000)</b>	12911	8345	6459	1208	2768

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		9	8	8	7	7

F) <b>Employment</b>	:	
<b>No. of Persons Employed per Day</b>		187      125
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.13      0.10

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\*Only labour reported  
(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(B)</sup></b>
Quantity (Th. tonnes) (Apatite & Rock Phosphate)	3352	3146	3553	4380	4221

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Apatite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Andhra Phosphate	Vill. N.R. Puram Distt. Visakhapatnam Andhra Pradesh	Andhra Phosphate (p) Ltd, 45-58-17/5, Narasimha Nagar, Visakhapatnam – 530 024, Andhra Pradesh.
Beldih	Vill. Beldih Distt. Purulia West Bengal	West Bengal Mineral Dev. & Trading Corpn. Ltd, 13, Nellie Sengupta Sarani, 2 <sup>nd</sup> Floor, Kolkata – 700 087.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	1300
<b>Percentage Share to All-India Production</b>	100



## ASBESTOS

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (All Grades) (Th. tonnes)	2511	19656	22167

**Life Index (Years)** : Very Large

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 33	<b>Lease Area</b> 1566.25
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C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	5	4	389	227
<b>Private Sector</b>	5	4	389	227
<b>Non-captive</b>	5	4	389	227
<b>'A' Category</b>	1	1	217	80
<b>'B' Category</b>	4	3	172	147
<b>STATES</b>				
Andhra Pradesh	3	3	389	227
Rajasthan*	2	1	-	-
<b>GRADES</b>				
Chrysotile			389	227

\*: Rajasthan state producing felspar and quartz as an associated mineral

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	243	268	276	389	227
<b>Value (Rs. '000)</b>	12268	13341	13347	17057	8823

E) <b>Closing Stock</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)	9	8	19	63	47

F) **Employment** :

<b>No. of Persons Employed per Day</b>	43	38
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.03	0.03

(p): Provisional

G) Domestic Consumption Trend : 2008-09 2009-10 2010-11 2011-12 2012-13<sup>(p)</sup>  
Quantity (Th. tonnes) 104 104 103 104 104

H) Exports/Imports Trend:

Exports	2009-10	2010-11	2011-12	2012-13	2013-14
Quantity (tonnes)	559	231	1296	78	96
Value (Rs. crore)	0.16	0.12	0.29	0.07	0.05
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (tonnes)	331415	365795	378122	460445	285870
Value (Rs. crore)	938.8	1002.53	1199.17	1900.4	1329.9
Percentage Share to the Value of Imports of All Minerals	0.2	0.1	0.1	0.2	0.1

I) Exports/Imports by Country in 2013-14:

Exports	Nepal		Norway		Others	
Quantity (tonnes)	94		2		....	
Value (Rs. crore)	0.05		++		....	
Imports	Russia	Kazakhstan	Brazil	China P Rep	Poland	Others
Quantity (tonnes)	172509	59001	49776	3946	....	638
Value (Rs. crore)	787.09	291.98	235.69	13.17	...	1.97

J) Principal Asbestos Mines in 2013-14:

Name of Mine	Location of Mine	Address of Mine Owner
<b>Amphibole</b>	NIL	NIL
<b>Chrysotile</b>		
Saraswati (95.13 A)	Vill. Brahmanapalli Distt. Cuddapah Andhra Pradesh	Padma Minerals Pvt. Ltd, Door No. 4-11-146, Amabakapalli Road, Pulivendla, Distt.Cuddapah – 516 390, Andhra Pradesh.
Brahmanapalli	Vill. Brahmanapalli Distt. Cuddapah Andhra Pradesh	Padma Minerals Pvt. Ltd, Door No. 4-11-146, Amabakapalli Road, Pulivendla, Distt.Cuddapah – 516 390, Andhra Pradesh.
Sri Sai Baba	Vill. Ippatla Distt. Cuddapah Andhra Pradesh	Baba Mineral Corpn., Door No. 1/125, Krishnappa Nagar, Near Rly. Station, Cuddapah – 516 004, Andhra Pradesh.

K) Contribution of above Mines in 2013-14:

Quantity (tonnes) 227  
Percentage Share to All-India Production 100

## BALL CLAY

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	16778	66616	83394

**Life Index (Years)** : 22

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	No. of Leases	Lease Area
	75	2744.59

**C) Mines Reporting Production :**

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>48(11)</b>	<b>49(11)</b>	<b>1751</b>	<b>1874</b>
<b>Public Sector</b>	2	1	15	5
<b>Private Sector</b>	46(11)	48(11)	1736	1869
<b>Non-captive</b>	48(11)	49(11)	1751	1874
<b>'B' Category</b>	48(11)	49(11)	1751	1874
<b>STATES</b>				
Andhra Pradesh	13(1)	13(1)	185	139
Gujarat	2	2	11	8
Rajasthan	32(10)	33(10)	1542	1722
Tamil Nadu	1	1	13	5

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	933	1087	1647	1751	1874
<b>Value (Rs. '000)</b>	218174	390238	693714	780732	902647

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		365	487	671	1047	1111

**F) Employment :**

<b>No. of Persons Employed per Day</b>	527	594
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.37	0.45

( ) Figures in parentheses indicate associated mines.

(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)		547	561	590	580	585

**H) Exports/Imports Trend :**

Exports	2009-10	2010-11	2011-12	2012-13	2013-14
Quantity (tonnes)	32132	19611	18037	29497	35694
Value (Rs. crore)	10.46	6.33	6.24	13.13	15.88
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports					
Quantity (tonnes)	123073	126695	191310	156527	130804
Value (Rs. crore)	66.77	63.77	102.36	104.41	91.52
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

Exports	Bangladesh	Oman	Malaysia	Kenya	Kuwait	Others
Quantity (tonnes)	27248	6902	420	240	252	632
Value (Rs. crore)	12.57	2.31	0.36	0.16	0.15	0.33
Imports	Ukraine	UK	Malaysia	China P Rp	Ger. F. Rp	Others
Quantity (tonnes)	52554	18267	45363	9995	263	4362
Value (Rs. crore)	40.03	22.67	14.54	8.05	0.68	5.55

**J) Five Principal Ball Clay Mines in 2013-14 :**

Name of Mine	Location of Mine	Address of Mine Owner
Guda Radhera (8/96)*	Vill. Guda Radhera Distt. Bikaner Rajasthan	Shanta Sales Corporation, H/o Mohanlal Mathur, Behind Rajasthan Pan Bhandar, Rani Bazar, Bikaner – 334 001, Rajasthan.
Nalchoti (75.3 ha)* ML 01/07	Vill. Nalchotti Distt. Bikaner Rajasthan	Narendra Kumar Devra C/o Harish Clays, Harasar House, Near M.N. Hospital, Bikaner – 334 001, Rajasthan.
Chandi (75.3 ha)	Vill. Chandi Distt. Bikaner Rajasthan	Harish Clays, Harasar House, P.B. No. 57, Near M. N. Hospital, Bikaner – 334 001, Rajasthan.
TRS-Mudh Kotri (13/75) (25 ha)	Vill. Mudh Distt. Bikaner Rajasthan	Tahala Ram and Sons, Ramnath Sadan, Rathkhana Colony, Bikaner – 334 001, Rajasthan.
Indo-Ka-bala	Vill. Mudh/Kotri Distt. Bikaner Rajasthan	Anirudh Mines & Minerals, Near Ramdev Park, Outside Nathusar Gate, Bikaner – 334 004, Rajasthan.

**K) Contribution of above Mines in 2013-14:**

Quantity (Th. tonnes)	623
Percentage Share to All-India Production	33

\*Associated with Fireclay

## BARYTES

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (All Grades) (Th. tonnes)	31584	41150	72734

**Life Index (Years)** : 19

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 164	<b>Lease Area</b> 2541.54
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>21</b>	<b>21</b>	<b>1789</b>	<b>1137</b>
<b>Public Sector</b>	1	1	1697	1067
<b>Private Sector</b>	20	20	92	70
<b>Non-captive</b>	21	21	1789	1137
<b>'A' Category</b>	1	1	1697	1067
<b>'B' Category</b>	20	20	92	70
<b>STATES</b>				
Andhra Pradesh	20	20	1782	1131
Rajasthan	1	1	7	6
<b>GRADES</b>				
Snow-white & White			5	4
Off Colour			1784	1133

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	2153	2339	1777	1789	1137
<b>Value</b> (Rs. '000)	2601842	2698279	1685965	5314116	3604933

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		4007	5181	5233	5050	4572

F) **Employment** :

<b>No. of Persons Employed per Day</b>	900	932
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.63	0.71

(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)		141	201	192	195	186

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity</b> (Th. tonnes)	999	866	1037	1740	1068
<b>Value</b> (Rs. crore)	334.99	314.64	540.65	1192.04	869.94
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.3	0.2	0.3	0.7	0.4
<b>Imports</b>					
<b>Quantity</b> (tonnes)	3778	2843	3720	6174	5687
<b>Value</b> (Rs. crore)	3.73	3.75	65.60	11.25	14.44
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>USA</b>	<b>S. Arabia</b>	<b>Malaysia</b>	<b>Venezuela</b>	<b>Kuwait</b>	<b>Others</b>
<b>Quantity</b> (Th. tonnes)	345	256	87	45	65	270
<b>Value</b> (Rs. crore)	228.96	228.83	80.53	46.3	41.56	243.76
<b>Imports</b>	<b>China P Rep</b>	<b>UK</b>	<b>Ger. F. Rep</b>	<b>Thailand</b>	<b>Pakistan</b>	<b>Others</b>
<b>Quantity</b> (tonnes)	4222	1126	92	85	....	162
<b>Value</b> (Rs. crore)	7.9	3.43	2.39	0.22	....	0.5

**J) Five Principal Barytes Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Mangampet	Vill. Mangampet Distt. Kadapa Andhra Pradesh	Andhra Pradesh Mineral Dev. Corpn. Ltd, HMWSSB, Rear Block, 3 <sup>rd</sup> Floor, Khairatabad, Hyderabad – 500 004, Andhra Pradesh.
Vinjamur S.N. 1501	Vill. Vinjamur Dist. Nellore Andhra Pradesh	Sudarsan Barytes Company, Flat 150, 2B, Arthi Apartment, Habibullah Road, Post. T. Nagar – 600 017, Distt. Chennai, Tamil Nadu.
Viswabharati (302 A)	Vill. Siripuram Distt. Khammam Andhra Pradesh	Viswabharati Mining Corpn. Ltd., 1/397-1 Court Rd. Kadapa Distt. Kadapa – 516 001, Andhra Pradesh.
Vinjamur S.N. 1502	Vill. Vinjamur Dist. Nellore Andhra Pradesh	S. Ramadas, Flat 150, 2B, Arthi Apartment, Habibullah Road, Post. T. Nagar – 600 017, Distt. Chennai, Tamil Nadu.
Vinjamur S.N. 1489	Vill. Vinjamur Dist. Nellore Andhra Pradesh	Sudarsan Barytes Company, Flat 150, 2B, Arthi Apartment, Habibullah Road, Post. T. Nagar – 600 017, Distt. Chennai, Tamil Nadu.

**K) Contribution of above Mines in 2013-14**

<b>Quantity</b> (Th. tonnes)	1125
<b>Percentage Share to All-India Production</b>	98.94

# BAUXITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b>	592938	2886682	3479620
(Th. tonnes)			
<b>Life Index (Years)</b>			140
B) <b>Mining Leases as on 31-3-2013</b>		<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)		337	30329.10
C) <b>Mines Reporting Production</b>			

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>178(10)</b>	<b>163(10)</b>	<b>16612</b>	<b>21666</b>
<b>Public Sector</b>	20	20	6512	6752
<b>Private Sector</b>	158(10)	143(10)	10100	14914
<b>Captive</b>	69	78	11869	15154
<b>Non-captive</b>	109(10)	85(10)	4743	6512
<b>'A' Category</b>	22	22	10279	13165
<b>'B' Category</b>	156(10)	141(10)	6333	8501
<b>STATES</b>				
Chhattisgarh	12	12	1818	1314
Goa	1	1	104	444
Gujarat	80	87	3430	7024
Jharkhand	31	19	1978	2282
Karnataka	2	2	81	75
Madhya Pradesh	28(9)	21(9)	1017	733
Maharashtra	16	14	2628	2058
Odisha	5(1)	4(1)	5460	7635
Tamil Nadu	3	3	96	101
<b>For use in alumina and aluminium metal extraction*</b>				
Above 60% Al <sub>2</sub> O <sub>3</sub>			-	-
55 – 60% Al <sub>2</sub> O <sub>3</sub>			1	-
50 – 55% Al <sub>2</sub> O <sub>3</sub>			57	58
45 – 50% Al <sub>2</sub> O <sub>3</sub>			2104	4568
40 – 45% Al <sub>2</sub> O <sub>3</sub>			10219	8303
Below 40% Al <sub>2</sub> O <sub>3</sub>			1269	1940
<b>For use other than alumina and aluminium metal extraction *</b>				
Cement			2486	6366
Abrasive			71	103
Refractory			252	248
Chemical			153	80

D) <b>Production Trend</b>	:					
	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>	
<b>Quantity (Th. tonnes)</b>	14124	12723	13600	16612	21666	
<b>Value (Rs. '000)</b>	4887897	5122151	6126011	7994557	9513943	

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		8411	9404	7988	7873	11507

F) <b>Employment</b>	:				
<b>No. of Persons Employed per Day</b>				7410	6668
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				5.19	5.07

( ) Figures in parentheses indicate number of associated mines with iron ore, kaolin, laterite, limestone & ochre.

\* Substituted by G.S.R. 330 (E), dated 10.4.2003.

(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)		12349	12226	10623	10367	11019

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity</b> (Th. tonnes)	476	116	401	4198	3493
<b>Value</b> (Rs. crore)	73.21	29.52	92.23	675.2	673.65
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	++	0.1	0.4	0.3
<b>Imports</b>					
<b>Quantity</b> (Th. tonnes)	54	64	79	67	422
<b>Value</b> (Rs. crore)	114.14	120.10	160.33	149.47	366.25
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>China P Rp</b>	<b>Taiwan</b>	<b>Kuwait</b>	<b>Slovenia</b>	<b>UAE</b>	<b>Others</b>
<b>Quantity</b> (Th. tonnes)	2943	237	174	15	63	61
<b>Value</b> (Rs. crore)	524.31	43.13	28.48	18.38	14.15	45.2
<b>Imports</b>	<b>China P Rp</b>	<b>Pakistan</b>	<b>Netherlands</b>	<b>Brazil</b>	<b>USA</b>	<b>Others</b>
<b>Quantity</b> (Th. tonnes)	77	17	++	++	++	328
<b>Value</b> (Rs. crore)	176.05	10.23	0.91	0.05	0.01	179

**J) Five Principal Bauxite Mines in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Panchpatmali	Vill. Panchpatmali Distt. Koraput Odisha	National Aluminium Co. Ltd, Nalco Bhawan, Bhubaneswar, Khurda – 751 061, Odisha.
Asota Mevasa	Vill. Mevasa Distt. Jamnagar Gujarat	Bombay Minerals Ltd., Okha Jamnagar Highway, Jam-Khambalia, Distt. Jamnagar– 361 305, Gujarat.
Baphlimali	Vill. Paikkupakhal Distt. Rayagada Odisha	Utkal Alumina International Ltd, J-6, Jaydev Vihar, Bhubaneshwar – 751 013, Odisha.
Kenedy- Vir	Vill. Virpur Kenedy Distt. Jamnagar Gujarat	Prabhudas Vithaldas, Mayur Panth Society, Opp. Circuit Villa, Chopati Road, Porbandar – 360 575, Gujarat.
Gunavari	Vill. Virpur Kenedy Distt. Jamnagar Gujarat	Pushpaben Prabhudas Makhecha, Mayur Panth Society, Opp. Circuit Villa, Chopati Road, Porbandar – 360 575, Gujarat.

**K) Contribution of above Mines in 2013-14:**

<b>Quantity</b> (Th. tonnes)	11271
<b>Percentage Share to All-India Production</b>	52



## CALCAREOUS SAND

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2013	N.A.	N.A	N.A

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2013 (Area in Hectares)	No. of Leases	Lease Area
	N.A.	N.A.

C) Mines Reporting Production :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	----- No Production reported -----			
Private Sector	- do -			
Captive	- do -			
'B' Category	- do -			
<b>STATE</b>				
Gujarat	- do -			

D) Production Trend :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (tonnes)	-	-	-	-	-
Value (Rs. '000)	-	-	-	-	-

E) Closing Stock	:	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (tonnes)		-	-	-	-	-

F) Employment :

No. of Persons Employed per Day	-	-
Percentage Share of Employment to Total for MCDR Minerals	-	-

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(p): Provisional

G) **Domestic Consumption Trend** : 2008-09 2009-10 2010-11 2011-12 2012-13<sup>(P)</sup>  
Quantity (tonnes) N.A. N.A. N.A. N.A. N.A.

H) **Exports/Imports Trend** :

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

I) **Exports/Imports by Country in 2013-14:**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

J) **Calcareous Sand Mines in 2013-14:** Nil

K) **Contribution of above Mines in 2013-14:**

**Quantity (tonnes)** -  
**Percentage Share to All-India Production** -

## CALCITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	2664	18281	20945
<b>Life Index (Years)</b>			261
 B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	 <b>No. of Leases</b>		 <b>Lease Area</b>
	90		1573.49

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>8(1)</b>	<b>6(1)</b>	<b>74488</b>	<b>92146</b>
<b>Private Sector</b>	8(1)	6(1)	74488	92146
<b>Non-captive</b>	8(1)	6(1)	74488	92146
<b>'A' Category</b>	(1)	(1)	3996	18795
<b>'B' Category</b>	8	6	70492	73351
<b>STATES</b>				
Andhra Pradesh	1	1	1790	1960
Madhya Pradesh	1*	1	-	100
Rajasthan	6(1)	4(1)	72698	90086

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	49309	38826	54081	74488	92146
<b>Value (Rs. '000)</b>	16980	14104	20835	27309	33625

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		7	6	9	18	30

F) **Employment** :

<b>No. of Persons Employed per Day</b>	97	61
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.07	0.05

(p): Provisional

( ): Figures in parentheses indicate number of associated mines with wollastonite.

\*: Only labour reported

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)		59	64	65	81	96

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	674	1373	3240	2169	23222
<b>Value (Rs. crore)</b>	0.36	0.61	1.49	1.88	18.75
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	111887	143164	260231	145966	75863
<b>Value (Rs. crore)</b>	36.89	43.08	121.56	65.22	42.74
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>Oman</b>	<b>Kuwait</b>	<b>UAE</b>	<b>Indonesia</b>	<b>Bangladesh</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	5266	4164	2961	2496	2550	5785
<b>Value (Rs. crore)</b>	3.99	3.2	2.67	1.79	1.73	5.37
<b>Imports</b>	<b>Vietnam</b>	<b>Oman</b>	<b>Malaysia</b>	<b>Egypt A Rp</b>	<b>Turkey</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	65235	8910	337	507	...	874
<b>Value (Rs. crore)</b>	38.32	2.31	1.35	0.28	...	0.48

**J) Five Principal Calcite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Rabachh	Vill- Rabachh Dist- Udaipur Rajasthan	Wolkem India Ltd, E- 101, Mewar Industrial Area, Madri, Udaipur – 313 003, Rajasthan.
Sanchli	Vill- Sanchli Dist-Udaipur Rajasthan	Kalpana Minerals & Chemicals, Ashok Vatika, N.H-8, Sukher, Udaipur – 313 004, Rajasthan.
Belkapahar*	Vill- Khilla Dist-Sirohi Rajasthan	Wolkem Industries Ltd, E- 101, Mewar Industrial Area, Madri, Udaipur – 313 003, Rajasthan.
Perwa	Vill- Perwa Dist-Sirohi Rajasthan	Mohd. Sher Khan, Khwaja Bagh, P.O. Sawa, Chittorgarh – 312 613, Rajasthan.
Gayphal	Vill- Gayphal Dist-Udaipur Rajasthan	Rajasthan Barytes Limited 3-A, Fatehpura, Sukhadia Circle Girwa Udaipur – 313 001, Rajasthan.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	90086
<b>Percentage Share to All-India Production</b>	98

\* Associated with Wollastonite.

## CHALK

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	4332	585	4917

**Life Index (Years)** : 24

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	No. of Leases	Lease Area
	156	639.79

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>114</b>	<b>103</b>	<b>176</b>	<b>126</b>
<b>Private Sector</b>	114	103	176	126
<b>Non-captive</b>	114	103	176	126
<b>'B' Category</b>	114	103	176	126
<b>STATE</b>				
Gujarat	114	103	176	126

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	185	177	179	176	126
<b>Value (Rs. '000)</b>	71087	65799	70458	88301	64885

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		75	80	79	70	74

F) **Employment** :

<b>No. of Persons Employed per Day</b>		1376	1142
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.96	0.87

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(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	1655	689	759	675	418
<b>Value (Rs. crore)</b>	0.95	0.25	0.34	0.42	0.39
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	1659	3185	1884	6003	17172
<b>Value (Rs. crore)</b>	1.15	1.71	1.59	3.61	10.85
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>Nepal</b>	<b>Philippines</b>	<b>Malaysia</b>	<b>Kenya</b>	<b>Egypt A Rp</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	332	32	4	4	13	33
<b>Value (Rs. crore)</b>	0.24	0.05	0.02	0.01	0.01	0.06
<b>Imports</b>	<b>Vietnam</b>	<b>France</b>	<b>China P Rp</b>	<b>Italy</b>	<b>Japan</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	16896	125	60	11	23	57
<b>Value (Rs. crore)</b>	10.29	0.26	0.11	0.09	0.05	0.05

**J) Five Principal Chalk Mines in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Adityana (Dobelia)	Vill. Adityana Distt. Porbandar Gujarat	Porbandar Industrial Products, Harish Mansion, Post Box - 27, Porbandar – 360 575, Gujarat.
Adityana	Vill. Adityana Distt. Porbandar Gujarat	Hashim Nazarali Merchant, 1 <sup>st</sup> Floor, Hawda Building, Near Bhavsinhji Park, Porbandar – 360 575, Gujarat.
Adityana	Vill. Adityana Distt. Porbandar Gujarat	Kiran Enterprise, Panjarapole road, Porbandar – 360 575, Gujarat.
Adityana	Vill. Adityana Distt. Porbandar Gujarat	Shreenathji Minerals, Adityana, Porbandar – 360 545, Gujarat.
Ranavadvala	Vill. Vadvala Distt. Porbandar Gujarat	Universal Mineral Industries, Barvan Ness, Ranavav – 360 560, Porbandar, Gujarat.

**K) Contribution of above Mines in 2013-14:**

<b>Quantity (Th. tonnes)</b>	18.5
<b>Percentage Share to All-India Production</b>	14.7

# CHROMITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013(p)</b> (All Grades) (Th. tonnes)	107221	214530	321751

**Life Index (Years)** : 85

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 35	<b>Lease Area</b> 9432.58
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>25</b>	<b>26</b>	<b>2834</b>	<b>2853</b>
<b>Public Sector</b>	11	11	697	692
<b>Private Sector</b>	14	15	2137	2161
<b>Captive</b>	13	13	1992	2091
<b>Non-captive</b>	12	13	842	762
<b>'A' Category</b>	22	22	2630	2681
<b>'B' Category</b>	3	4	204	172
<b>STATES</b>				
Karnataka	4	4	7	1
Maharashtra	-	1	-	++
Odisha	21	21	2827	2852
<b>GRADES</b>				
<b>Above 52% Cr<sub>2</sub>O<sub>3</sub></b>	Lumps		-	++
	Fines		833	630
<b>40 - 52% Cr<sub>2</sub>O<sub>3</sub></b>	Lumps		100	91
	Fines		778	822
<b>Below 40% Cr<sub>2</sub>O<sub>3</sub></b>	Lumps		123	167
	Fines		367	450
<b>Concentrates</b>			633	693

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	3426	4326	2923	2834	2853
<b>Value (Rs. '000)</b>	10453620	25964208	24244988	22627633	23175932

E) <b>Closing Stock</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	1323	2257	2366	2559	2256

F) <b>Employment</b>	<b>No. of Persons Employed per Day</b>	6761	6097
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		4.74	4.64

(p): Provisional    (++) : Negligible

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)		2162	2160	2661	2584	2602

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity</b> (Th. tonnes)	689	172	225	196	195
<b>Value</b> (Rs. crore)	801.25	286.06	488.82	310.76	346.84
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.6	0.2	0.3	0.2	0.2
<b>Imports</b>					
<b>Quantity</b> (Th. tonnes)	96	86	136	217	261
<b>Value</b> (Rs. crore)	86.1	90.48	201.96	250.34	309.97
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>China P Rp</b>	<b>Japan</b>	<b>Spain</b>	<b>Vietnam</b>	<b>Thailand</b>	<b>Others</b>
<b>Quantity</b> (Th. tonnes)	176	17	2	++	++	++
<b>Value</b> (Rs. crore)	299.42	40.62	6.08	0.64	0.07	0.01
<b>Imports</b>	<b>Oman</b>	<b>S. Africa</b>	<b>UAE</b>	<b>Turkey</b>	<b>Albania</b>	<b>Others</b>
<b>Quantity</b> (Th. tonnes)	170	86	2	....	....	3
<b>Value</b> (Rs. crore)	165.27	137.86	2.28	....	....	4.56

**J) Five Principal Chromite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Sukinda (Bhimtanagar)	Vill. Bhimtanagar Distt. Jajpur Odisha	Tata Steel Ltd, 24, Homi Modi Street, Fort Mumbai – 400 001.
South Kaliapani	Vill. Kaliapani Distt. Jajpur Odisha	Odisha Mining Corpn. Ltd, Post Box No-34 OMC House, Unit 5, Bhubaneswar – 751 001, Odisha.
Sukinda	Vill. Kaliapani Distt. Jajpur Odisha	Indian Metals & Ferro Alloys Ltd, At: Bomikhal, P.O. Rasulgarh, Bhubaneswar – 751 010, Odisha.
Ostapal	Vill. Gurujangai Distt. Jajpur Odisha	Ferro Alloys Corporation Ltd, Laxmi Bhawan, Kuans Bhadrak– 756 100, Odisha.
Kaliapani	Vill. Kaliapani Distt. Jajpur Odisha	Balador Alloys Ltd, Balgopalpur, P.O. Rasalpur, Balasore – 756 020, Odisha.

**K) Contribution of above Chromite Mines in 2013-14:**

<b>Quantity</b> (Th. tonnes)	2318
<b>Percentage Share to All-India Production</b>	81



## CLAY (Others)

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013</b>	N.A.	N.A.	N.A.

**Life Index (Years)** : N.E.

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 99	<b>Lease Area</b> 1186.11
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>51(32)</b>	<b>54(32)</b>	<b>2681</b>	<b>2361</b>
<b>Private Sector</b>	51(32)	54(32)	2681	2361
<b>Captive</b>	4(5)	1(4)	787	484
<b>Non-Captive</b>	47(27)	53(28)	1894	1877
<b>'A' Category</b>	1(3)	(3)	706	429
<b>'B' Category</b>	50(29)	54(29)	1975	1932
<b>STATES</b>				
Andhra Pradesh	12(7)	12(7)	159	136
Gujarat	27(15)	29(16)	1928	1573
Madhya Pradesh	(7)	1(7)	436	433
Rajasthan	8(2)	8(2)	153	140
Others	4(1)	4	5	79

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	1056	731	1418	2681	2361
<b>Value (Rs. '000)</b>	71294	70342	128017	353628	407713

E) <b>Closing Stock</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	162	52	224	233	197

F) **Employment** :

<b>No. of Persons Employed per Day</b>	461	588
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.32	0.45

( ) Figures in parentheses indicate associated mines.

(p): Provisional

G) Domestic Consumption Trend : 2008-09 2009-10 2010-11 2011-12 2012-13<sup>(p)</sup>  
Quantity (tonnes) N.A. N.A. N.A. N.A. N.A.

H) Exports/Imports Trend :

Exports	2009-10	2010-11	2011-12	2012-13	2013-14
Quantity (tonnes)	93381	52526	16811	22019	19604
Value (Rs. crore)	27.32	24.16	12.63	17.93	17.24
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports	2009-10	2010-11	2011-12	2012-13	2013-14
Quantity (tonnes)	3200	11610	13013	14638	17016
Value (Rs. crore)	5.99	10.38	14.44	19.42	25.66
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2013-14 :

Exports	Saudi Arabia	Bangladesh	Malaysia	Nepal	Kenya	Others
Quantity (tonnes)	3990	4355	3799	2503	719	4238
Value (Rs. crore)	2.86	2.53	2.33	1.91	0.86	6.75
Imports	USA	Ukraine	Spain	China	Ger. F. Rep	Others
Quantity (tonnes)	2656	9424	1003	1194	20	2719
Value (Rs. crore)	8.94	6.77	2.55	1.29	0.03	6.08

J) Five Principal Clay (Others) Mines in 2013-14 :

Name of Mine	Location of Mine	Address of Mine Owner
Mamuara	Vill. Mamuara Distt. Kutchh Gujarat	Bhupendra Reva Sankar Gor, 66, Devkrupa, Limbda Street, Bhuj, Kutchh – 370 001, Gujarat.
Mehgaon*	Vill. Mehgaon Distt. Katni Madhya Pradesh	The ACC Ltd, 'Cement House', 121, Maharshi Karve Road, Mumbai – 400 020, Maharashtra.
Kotri W/C3* (MI 1/97)	Vill. Kotri Distt. Bikaner Rajasthan	Sampat Lal Daga, Labhuji ka Katla, 1 <sup>st</sup> Floor, Bikaner – 334 001, Rajasthan.
Kymore & Bamangaon*	Vill- Kymore & Bamangaon Distt. Katni, Madhya Pradesh	The ACC Ltd, 'Cement House', 121, Maharshi Karve Road, Mumbai – 400 020, Maharashtra.
Nadapa*	Vill. Nadapa Distt. Kutchh Gujarat	Ishvarlal Nanji Bhavani, C/o Uma Minerals, 113-114, Pooja-B, Behind ICICI Bank, Bhuj, Kutchh – 370 001, Gujarat.

K) Contribution of above Mines in 2013-14 :

Quantity (tonnes) 1160980  
Percentage Share to All-India Production 49

\* Associated with limestone/Ball Clay/China Clay

## COPPER ORE & CONCENTRATES

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2013(p)</b> :			
(Th. tonnes) a) Ore	237573	1273445	1511018
b) Metal	2997	9222	12219
<b>Life Index (Years) (Ore)</b> :			195

<b>B) Mining Leases as on 31-3-2013</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
Ore (Area in Hectares)	16	9862.96

**C) Mines Reporting Production :**

	No. of Mines		Production(Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>India</b>	5	5		
Ore			3636	3778
Concentrates			124	139
<b>Public Sector</b>	5	5		
Ore			3636	3778
Concentrates			124	139
<b>Captive</b>	5	5		
Ore			3636	3778
Concentrates			124	139
<b>'A' Category</b>	5	5		
Ore			3636	3778
Concentrates			124	139

STATES	No. of Mines		Production (Th. tonnes)			
	2012-13	2013-14	2012-13		2013-14 <sup>(p)</sup>	
			Qty	Cu%	Qty	Cu%
<b>Jharkhand</b>	2	2				
Ore			399	0.93	399	0.90
Concentrates			13	25.47	14	25.87
<b>Madhya Pradesh</b>	1	1				
Ore			2254	0.91	2376	0.93
Concentrates			68	27.5	80	26.53
<b>Rajasthan</b>	2	2				
Ore			983	0.84	1003	0.82
Concentrates			43	17.18	45	16.29

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>					
Ore	3271	3602	3479	3636	3778
Concentrates	125	137	130	124	139
<b>Value (Rs. '000)</b>					
Concentrates	3809462	4733515	5385751	6288969	6798108

<b>E) Closing Stock</b> :	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes) Ore	38	55	63	103	8
Concentrates	26	29	12	16	10

<b>F) Employment</b> :		
<b>No. of Persons Employed per Day</b>	2898	2892

<b>Percentage Share of Employment to Total for MCDR Minerals</b>	2.03	2.20
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(p): Provisional

G) Domestic Consumption Trend : 2008-09 2009-10 2010-11 2011-12 2012-13<sup>(p)</sup>  
Quantity (tonnes) N.A. N.A. N.A. N.A. N.A.

H) Exports/Imports Trend :

Exports (Ores & Concentrates)	2009-10	2010-11	2011-12	2012-13	2013-14
Quantity (tonnes)	-	19701	20	30	38912
Value (Rs. crore)	-	139.01	0.01	0.34	334.99
Percentage Share to the Value of Exports of All Minerals	-	0.1	++	++	0.2
Imports (Ores & Concentrates)					
Quantity (tonnes)	2187460	1902026	2124501	2296421	2048240
Value (Rs. crore)	18967.58	20023.45	26451.02	30970.44	33226.74
Percentage Share to the Value of Imports of All Minerals	3.61	3.0	2.8	2.8	2.7

I) Exports/Imports by Country in 2013-14:

Exports	Oman	Japan	Indonesia	Korea Rp	Qatar	Others
Quantity (tonnes)	14204	13857	10836	3	10	2
Value (Rs. crore)	120.41	113.9	93.09	7.54	0.03	0.02
Imports	Chile	Australia	Indonesia	Brazil	Peru	Others
Quantity (tonnes)	720126	458304	216439	131161	73061	449149
Value (Rs. crore)	12962.19	7034.61	4363.79	1892.15	1121.47	5852.53

J) Copper Ore Mines in 2013-14:

Name of Mine	Location of Mine	Address of Mine Owner
Malanjkhanda	Vill. Malanjkhanda (Kalamsari) Distt. Balaghat Madhya Pradesh	Hindustan Copper Ltd, Tamra Bhawan, Ashutosh Choudhury Avenue, Kolkata – 700 019.
Khetri	Vill. Banwas Distt. Jhunjhunu Rajasthan	
Kolihan	Vill. Khetri Distt. Jhunjhunu Rajasthan	
Surda	Vill. Surda Distt. Singbhum (East) Jharkhand	
Kendadih	Vill. Terenga Distt. Singbhum (East) Jharkhand	

K) Contribution of above Mines in 2013-14:

Quantity (Th. tonnes) (Copper Ore) 3778  
Percentage Share to All-India Production 100

## CORUNDUM

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013(p)</b> (tonnes)	597	267218	267815

**Life Index (Years)** : N.E.

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	No. of Leases	Lease Area
	11	66.62

**C) Mines Reporting Production :**

	No. of Mines		Production (kg)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	2	-	5000	-
<b>Private Sector</b>	2	-	5000	-
<b>Non-captive</b>	2	-	5000	-
<b>'B' Category</b>	2	-	5000	-
<b>STATES</b>				
<b>Andhra Pradesh</b>	1*	-	-	-
<b>Karnataka</b>	1	-	5000	-

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (kg)</b>	6600	-	37000	5000	-
<b>Value (Rs. '000)</b>	20	-	130	75	-

<b>E) Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (kg)		10490	3490	6860	-	-

**F) Employment :**

<b>No. of Persons Employed per Day</b>		35	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.02	-

\* Indicates only labour reported.

(p) : Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)		170	170	++	++	++

**H) Exports/Imports Trend :**

<b>Exports (Corundum (Natural))</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	412	-	-	-	-
<b>Value (Rs. crore)</b>	0.25	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	-	-	-	-
<b>Imports (Corundum (Natural))</b>					
<b>Quantity (tonnes)</b>	++	-	-	-	-
<b>Value (Rs. crore)</b>	0.01	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	-	-	-	-

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports (Corundum(Natural))</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports (Corundum(Natural))</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Principal Corundum Mine in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
No mines exist, hence no production.		

**K) Contribution of above Mine in 2013-14 :**

<b>Quantity (kg)</b>	-
<b>Percentage Share to All-India Production</b>	-

## DIAMOND

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013(p)</b> (Th. carats)	985	30876	31861

**Life Index (Years)** : 74

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	No. of Leases	Lease Area
	2	275.96

C) **Mines Reporting Production** :

	No. of Mines		Production (carats)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	2	2	31988	37515
<b>Public Sector</b>	2	2	31988	37515
<b>Non-captive</b>	2	2	31988	37515
<b>'A' Category</b>	1	1	31452	37005
<b>'B' Category</b>	1	1	536	510
<b>STATE</b>				
Madhya Pradesh	2	2	31988	37515

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (carats)</b>	16891	11222	18490	31988	37515
<b>Value (Rs. '000)</b>	116279	106776	198240	366471	614084

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (carats)		7122	1953	16814	18888	15053

F) <b>Employment</b>	:	
<b>No. of Persons Employed per Day</b>		180      159
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.13      0.12

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(p): provisional

G) Domestic Consumption Trend : 2008-09 2009-10 2010-11 2011-12 2012-13<sup>(P)</sup>  
Quantity (tonnes) N.A. N.A. N.A. N.A. N.A.

H) Exports/Imports Trend :

Exports (Mostly Cut) @	2009-10	2010-11	2011-12	2012-13	2013-14
Quantity (Th. carats)	66091	78951	62654	65561	83851
Value (Rs. crore)	85125.64	134064.04	133880.90	126568.1	158004.97
Percentage Share to the Value of Exports of All Minerals	66.6	76.9	76.4	79.1	81.1
Imports (Mostly Cut) @					
Quantity (Th. carats)	130101	182227	152811	146612	135729
Value (Rs. crore)	74299.13	152657.32	132180.97	134117.11	117567.81
Percentage Share to the Value of Imports of All Minerals	14.2	22.8	14.0	12.2	9.7

I) Exports/Imports by Country in 2013-14 :

Exports (Mostly Cut)	Hong Kong	USA	UAE	Belgium	Israel	Others
Quantity (Th. carats)	24398	7080	26900	10341	2098	13034
Value (Rs. crore)	55402.8	36766.62	27244.15	15901.37	7907.39	14782.64
Imports (Mostly Cut)	Belgium	UAE	Hong Kong	Israel	UK	Others
Quantity (Th. carats)	64898	32312	11987	3989	9495	13048
Value (Rs. crore)	44940.64	29860.01	18932.92	6483.6	6525.75	10824.89

J) Diamond Mines in 2013-14 :

Name of Mine	Location of Mine	Address of Mine Owner
Majhgawan	Vill. Majhgawan Distt. Panna Madhya Pradesh	National Mineral Development Corpn. Ltd, 10-3-311/A, Castle Hills, Masab Tank, Hyderabad – 28, Andhra Pradesh.
Shallow (Uthali)	Vill. Itwan & Phrikharra Distt. Panna Madhya Pradesh	Director of Geology & Mining, (Diamond Project), Govt. of Madhya Pradesh, Khanij Bhavan, 29-A, Arera Hills, Bhopal – 462 016, Madhya Pradesh.

K) Contribution of above Mines in 2013-14 :

Quantity (carats) 37515  
Percentage Share to All-India Production 100

@ Diamond (uncut) is imported mostly for Export after cutting and polishing.



## DIASPORE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	2860	3125	5985
<b>Life Index (Years)</b>			224

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 12	<b>Lease Area</b> 94.38
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C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14 <sup>(p)</sup>	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	(15)	(16)	<b>16222</b>	<b>14781</b>
<b>Private Sector</b>	(15)	(16)	16222	14781
<b>Captive</b>	(5)	(4)	2371	2631
<b>Non-captive</b>	(10)	(12)	13851	12150
<b>'B' Category</b>	(15)	(16)	16222	14781
<b>STATES</b>				
Madhya Pradesh	(8)	(9)	7268	6666
Uttar Pradesh	(7)	(7)	8954	8115

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	25569	26082	23818	16222	14781
<b>Value (Rs. '000)</b>	27422	32003	35654	25742	29360

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		5380	6905	6293	6789	6561

F) **Employment** :

<b>No. of Persons Employed per Day*</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

(p): Provisional

Figures in parentheses indicate mines associated with pyrophyllite.

\* Associated with pyrophyllite mines.

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)		13100	14000	9100	23800	20800

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Five Principal Diaspore Mines\* in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Puradhankaun*	Vill- Puradhan Distt. Lalitpur Uttar Pradesh	The Ishwar Industries Limited, Room No-1, 'Charan Kamal', 7, Ishwar Nagar, Mathura Road, New Delhi – 110 065.
Sarkana*	Vill-Sarkana Distt. Chhatarpur Madhya Pradesh	Jindutt Minerals (p) Ltd, Post Box No- 27, Chhatarpur – 471 001, Madhya Pradesh.
Bijri*	Vill- Bijri Distt. Lalitpur Uttar Pradesh	J.K. Minerals, C-1 , C-2 Industrial Estate, Gwalior Road, Jhansi– 284 003, Uttar Pradesh.
Garhi- II(4.540 ha)*	Vill- Garhi Distt. Chhatarpur Madhya Pradesh	Eastern Minerals, 35, Vivekanand Marg, Cantonment , Jhansi– 284 001, Uttar Pradesh.
Khurai	Vill- Khurai Distt. Shivpuri Madhya Pradesh	The Ishwar Mining & Industrial Corp. Pvt. Ltd, 7, Ishwar Nagar , Mathura Road, New Delhi – 110 065.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	13115
<b>Percentage Share to All-India Production</b>	89

\* Associated with pyrophyllite.

## DOLOMITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Million tonnes)	738	6992	7730
<b>Life Index (Years)</b>			369
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b>		<b>Lease Area</b>
	542		7536.87
C) <b>Mines Reporting Production</b>			

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>197(47)</b>	<b>173(54)</b>	<b>7234</b>	<b>7109</b>
<b>Public Sector</b>	6(1)	6(1)	2073	2061
<b>Private Sector</b>	191(46)	167(53)	5161	5048
<b>Captive</b>	5(1)	4(2)	1977	1587
<b>Non-captive</b>	192(46)	169(52)	5257	5522
<b>'A' Category</b>	7(3)	6(5)	2470	2188
<b>'B' Category</b>	190(44)	167(49)	4764	4921
<b>STATES</b>				
Andhra Pradesh	41(20)	42(23)	1548	1377
Chhattisgarh	40	40	1970	2595
Gujarat	24(1)	13(1)	499	483
Karnataka	17(14)	16(14)	728	641
Madhya Pradesh	65(1)	52(2)	656	565
Odisha	4(4)	4(3)	992	657
Others	6(7)	6(11)	841	791

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	5912	5840	5969	7234	7109
<b>Value (Rs. '000)</b>	1672224	1870047	1737037	2618906	2576921

**E) Closing Stock :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (Th. tonnes)	1689	1732	2290	2269	2509

**F) Employment :**

<b>No. of Persons Employed per Day</b>	3986	3412
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	2.79	2.60

(p): Provisional

Figures in parentheses indicate number of associated mines with asbestos, barytes, clay (others), limestone, shale and steatite.

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)		5555	5802	7291	6555	6805

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	18707	26801	40254	29007	32511
<b>Value (Rs. crore)</b>	4.66	6.52	11.18	13.33	12.53
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	450979	611833	1594573	1859996	2511602
<b>Value (Rs. crore)</b>	99.12	139.52	201.07	252.91	373.65
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	0	0

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>Nepal</b>	<b>Bangladesh</b>	<b>Malaysia</b>	<b>Oman</b>	<b>UAE</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	18027	11477	555	598	621	1233
<b>Value (Rs. crore)</b>	5.31	5.17	0.44	0.38	0.28	0.95
<b>Imports</b>	<b>UAE</b>	<b>Thailand</b>	<b>Philippines</b>	<b>Italy</b>	<b>China P Rp</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	1375609	891867	209800	7870	...	26456
<b>Value (Rs. crore)</b>	181.93	122.82	28.63	23.75	....	16.52

**J) Five Principal Dolomite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Hirri	Vill. Pandidih, Chhatune & Bodasara Distt. Bilaspur Chhattisgarh	Steel Authority of India Ltd, Ispat Bhawan, P.B.No. 3049, Lodhi Road, New Delhi – 110 003.
Madharam	Vill. Madharam Distt. Khammam Andhra Pradesh	Rashtriya Ispat Nigam Ltd, Room No.384, Main Admn. Building. C Block, II Floor, North Wing, Visakhapatnam– 530 031. (A.P.)
Kamalapuram*	Vill. Malkapuram Distt. Kurnool Andhra Pradesh	Southwest Mining Ltd, Talur cross, Vidya Nagar(Post), Torangallu, Sandur – 583 275. Karnataka.
Birmitrapur*	Vill. Birmitrapur Distt. Sundargarh Odisha	Bisra Stone Lime Co. Ltd, A.G. 104, Sourav Abason, Sector-2, Saltlake City, Kolkata – 700 091.
Tulsidamar	Vill. Tulsidamar Jangipur Distt. Garwah Jharkhand	Steel Authority of India Ltd, Ispat Bhawan, P.B. No. 3049, Lodhi Road, New Delhi – 110 003.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	2370
<b>Percentage Share to All-India Production</b>	33

\* Associated with limestone.

## DUNITE

<b>A) Total Resources 1-4-2010</b>	:	<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
(Th. tonnes)		17137	168232	185369

**Life Index (Years)** : Very Large

<b>B) Mining Leases as on 31-3-2013</b>	:	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)		1	14.28

**C) Mines Reporting Production :**

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>1(4)</b>	<b>1(5)</b>	<b>88274</b>	<b>65098</b>
<b>Public Sector</b>	1(1)	1(2)	71495	53188
<b>Private Sector</b>	(3)	(3)	16779	11910
<b>Captive</b>	1(2)	1(2)	86645	62165
<b>Non-captive</b>	(2)	(3)	1629	2933
<b>'A' Category</b>	(2)	(3)	77895	61943
<b>'B' Category</b>	1(2)	1(2)	10379	3155
<b>STATES</b>				
Karnataka	1	1(1)	8750	978
Tamil Nadu	(4)	(4)	79524	64120

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	71642	23716	38774	88274	65098
<b>Value (Rs. '000)</b>	19281	6879	25450	92841	97197

<b>E) Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		7042	9845	11204	13793	13245

<b>F) Employment</b>	:	
<b>No. of Persons Employed per Day</b>		5                      9
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		++                      0.01

Figures in parentheses indicate mines associated with magnesite.  
(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)		5300	4200	22300	41700	38800

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Dunite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Arasu – I * (177.96)	Vill. Thatthiengapatti Distt. Salem Tamil Nadu.	Tamil Nadu Magnesite Ltd, 5/53, Omalur Main Rd, Jagirammalayam, Distt. Salem – 636 302, Tamil Nadu.
Chettichavadi Jaghir*	Vill. Chettichavadi Distt. Salem Tamil Nadu.	Dalmia Bharat Sugar and Industries Ltd, Dalmiapuram, Tiruchirapalli – 621 651, Tamil Nadu.
Punganthurai*	Vill. Pungandurai Distt. Erode Tamil Nadu.	Smt. P.B. Baladevie, 14/51,52, Ramaiah Colony East, 2 <sup>nd</sup> Street, Dist: Tiruppur – 641 602, Tamil Nadu.
Shankar Magnesite*	Vill. Pungandurai Distt. Erode, Tamil Nadu.	Shri. A. S. Shankarganesan, 22-A, Kumar Nagar South, 3 <sup>rd</sup> Street, Gandhi Nagar, Tiruppur – 641 603, Tamil Nadu.
Kenchapura	Vill. Kenchapura Distt. Chikmagalur Karnataka.	Steel Authority of India Ltd, Ispat Bhavan, Lodhi Road, New Delhi – 110 003.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	64720
<b>Percentage Share to All-India Production</b>	99.4

\* Associated with magnesite.

## EMERALD

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013</b>	:	-----Not Estimated-----	
<b>Life Index (Years)</b>	:		N.E.

B) <b>Mining Leases as on 31-3-2013</b>	:	No. of Leases	Lease Area
(Area in Hectares)		N.A.	N.A.

C) **Mines Reporting Production** :

	No. of Mines		Production (kg)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	No Production reported			
<b>Private Sector</b>	- do -			
<b>Non-Captive</b>	- do -			
<b>'B' Category</b>	- do -			
<b>STATE</b>				
Rajasthan	- do -			

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (kg)</b>	-	-	-	-	-
<b>Value (Rs. '000)</b>	-	-	-	-	-

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (kg)		-	-	-	-	-

F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>					-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>					-	-

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(p): Provisional

**G) Domestic Consumption Trend** : 2008-09 2009-10 2010-11 2011-12 2012-13<sup>(p)</sup>  
Quantity (tonnes) N.A. N.A. N.A. N.A. N.A.

**H) Exports/Imports Trend** :

<b>Exports (Uncut/Cut)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (kg)</b>	*	*	*	*	*
<b>Value (Rs. crore)</b>	482.64	363.50	544.75	2678.74	2157.02
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.4	0.2	0.3	1.7	1.1
<b>Imports (Uncut/Cut)</b>					
<b>Quantity (kg)</b>	*	*	*	*	*
<b>Value (Rs. crore)</b>	390.56	495.71	1062.74	3746.43	2232.88
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.1	0.1	0.1	0.3	0.2

**I) Exports/Imports by Country in 2013-14** :

<b>Exports</b>	<b>Hong Kong</b>	<b>USA</b>	<b>Thailand</b>	<b>UAE</b>	<b>Switzerland</b>	<b>Others</b>
<b>Quantity (kg)</b>	*	*	*	*	*	*
<b>Value (Rs. crore)</b>	1543.79	224.04	68.84	65.78	46.95	207.62
<b>Imports</b>	<b>Hong Kong</b>	<b>Thailand</b>	<b>Zambia</b>	<b>UAE</b>	<b>Brazil</b>	<b>Others</b>
<b>Quantity (kg)</b>	*	*	*	*	*	*
<b>Value (Rs. crore)</b>	1540.69	168.2	142.99	121.27	73.47	186.26

**J) Emerald Mine in 2013-14** : Nil

**K) Contribution of above Mine in 2013-14** :

**Quantity (kg)** -

**Percentage Share to All-India Production** -

\* Quantity figures not given due to partial coverage. The corresponding value figures however, have full coverage.



## FELSITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013</b>	N.A.	N.A.	N.A.
<b>Life Index (Years)</b>			N.E.

B) <b>Mining Leases as on 31-3-2013</b>	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	6	102.29

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	5	3	1266	549
<b>Private Sector</b>	5	3	1266	549
<b>Non-captive</b>	5	3	1266	549
<b>'B' Category</b>	5	3	1266	549
<b>STATE</b>				
Karnataka	5	3	1266	549

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	3049	1670	1117	1266	549
<b>Value (Rs. '000)</b>	2464	2420	2590	909	449

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		5675	6404	4547	5385	5052

F) **Employment** :

<b>No. of Persons Employed per Day</b>	40	10
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.03	0.01

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(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Felsite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Sadanahally ML 1240	Vill. Sadanahally Distt. Mysore Karnataka	Smt. S.Rajee V. Raman, Flat No.G-2, "Srivara Krishan", 3 <sup>rd</sup> Main Road, V.V.Mohalla, Mysore, Karnataka.
Belagala ML 2497	Vill. Majjigepura Distt. Mandya Karnataka	J. Madhu, No – 164, KRS Road, Mogarahally, Distt. Mandya – 571 438, Karnataka.
Mogarahally ML-2331	Vill. Mogarahally Distt. Mandya Karnataka	Smt. S. Rajee V. Raman, Flat No.G-2, "Srivara Krishan", 3 <sup>rd</sup> Main Road, V.V. Mohalla, Mysore, Karnataka.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	549
<b>Percentage Share to All-India Production</b>	100

## FELSPAR

<b>Items</b>		<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
A) <b>Total Resources 1-4-2010</b>	:	44503	87832	132335
(Th. tonnes)				
<b>Life Index (Years)</b>	:			85
B) <b>Mining Leases as on 31-3-2013</b>	:		<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)			947	7271.79
C) <b>Mines Reporting Production</b>	:			

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>212(163)</b>	<b>234(159)</b>	<b>1459008</b>	<b>1412518</b>
<b>Public Sector</b>	2(1)	1(1)	12078	19021
<b>Private Sector</b>	210(162)	233(158)	1446930	1393497
<b>Non-Captive</b>	212(163)	234(159)	1459008	1412518
<b>“A” Category</b>	2(1)	1(1)	7432	4578
<b>“B” Category</b>	210(162)	233(158)	1451576	1407940
<b>STATES</b>				
Andhra Pradesh	40(60)	31(61)	504000	495858
Jharkhand	4(6)	2(3)	6525	5476
Karnataka	1*	1*	-	-
Rajasthan	166(52)	200(47)	892257	833458
Tamil Nadu	1(43)	(46)	42666	57884
West Bengal	(2)	(2)	13560	19842

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	497	546	836	1459	1413
<b>Value ( Rs. '000 )</b>	98648	154676	255408	428633	415317

<b>E) Closing stock</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)	219	230	385	596	644

<b>F) Employment:</b>				
<b>No. of Persons Employed per Day</b>		1987	2168	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		1.39	1.65	

(p): Provisional \* : Only labour reported  
 Figures in parentheses indicate number of associated mines with asbestos, china clay, mica, quartz, silica sand and steatite.

G) Domestic Consumption Trend : 2008-09 2009-10 2010-11 2011-12 2012-13<sup>(P)</sup>  
Quantity (Th. tonnes) 334 427 440 460 465

H) Exports/Imports Trend :

Exports (Felspar (Natural))	2009-10	2010-11	2011-12	2012-13	2013-14
Quantity (tonnes)	315549	351266	394277	401422	437144
Value (Rs. crore)	107.42	118.79	151.80	189.04	223.45
Percentage Share to the Value of Exports of All Minerals	0.1	0.1	0.1	0.1	0.1
Exports (Felspar (Cut & Uncut))	*	*	*	*	*
Value (Rs. crore)	5.06	1.28	5.87	4.24	2.27
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Felspar (Natural))					
Quantity (tonnes)	7281	20409	41627	59956	42448
Value (Rs. crore)	3.21	6.41	16.89	25.22	21.3
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++
Imports (Felspar (Cut & Uncut))	*	*	*	*	*
Value (Rs. crore)	0.16	0.65	0.32	0.36	1.25
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2013-14 :

Exports (Natural)	Indonesia	Vietnam	Bangladesh	China P Rp	Iran	Others
Quantity (tonnes)	69076	52925	86337	41240	29397	158169
Value (Rs. crore)	37.3	33.22	31.53	22.01	17.68	81.71
Imports (Natural)	Thailand	China P	Mongolia	Bangladesh	UAE	Others
Quantity (tonnes)	36540	5402	...	...	...	506
Value (Rs. crore)	14.41	6.19	...	...	...	0.7

J) Five Principal Felspar Mines in 2013-14 :

Name of Mine	Location of Mine	Address of Mine Owner
Mandoli ki Dhani	Vill. Mandoli ki Dhani Distt. Sikar Rajasthan	Laxmi Marble & Granite (Pvt.) Ltd, Opp. Railway Station, Neem ka Thana, Distt: Sikar – 332 713, Rajasthan.
Kabra*	Vill. Kabra Distt. Tonk Rajasthan	Bijendra Kumar Goyal, 35-36, Shivnagar, Murlipura Scheme, Distt: Jaipur – 302 013, Rajasthan.
Elikatta*	Vill. Elikatta Distt. Mahbubnagar Andhra Pradesh	Sree Jaya Lakshmi Minerals, 6-3-609/101, Flat 402, Seetharam Enclave, Anandnagar Colony, Khairatabad, Hyderabad – 500 004, Andhra Pradesh.
Kishorepura	Vill. Kishorepura Distt. Sikar Rajasthan	Madhu Devi, 108, Himmatnagar, Gopalpura Mode, Tonk Road, Jaipur – 302 018, Rajasthan.
Sharniya*	Vill.- Sharniya Distt. Ajmer Rajasthan	Pankaj Kumar Tak, Sheetal Bhawan, Post Kharwa, Masuda, Distt: Ajmer – 305 202, Rajasthan

K) Contribution of above Mines in 2013-14:

Quantity (tonnes) 254923  
Percentage Share to All-India Production 18

\* Associated mine with quartz.

## FIRECLAY

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	30104	683415	713519
<b>Life Index</b> (Years)	:		216
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:	<b>No. of Leases</b> 248	<b>Lease Area</b> 5071.75
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>74(24)</b>	<b>52(17)</b>	<b>1000</b>	<b>707</b>
<b>Public Sector</b>	1(1)	1(1)	7	6
<b>Private Sector</b>	73(23)	51(16)	993	701
<b>Non-captive</b>	74(24)	52(17)	1000	707
<b>'A' Category</b>	(2)	(1)	24	32
<b>'B' Category</b>	74(22)	52(16)	976	675
<b>STATES</b>				
Andhra Pradesh	15(2)	10(1)	50	32
Gujarat	9(1)	6	86	40
Jharkhand	7	-	112	-
Madhya Pradesh	8(6)	9(5)	71	46
Rajasthan	10(2)	11(2)	410	314
Tamil Nadu	16(3)	8(2)	145	161
West Bengal	6(9)	6(6)	99	95
Others	3(1)	2(1)	27	19

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	549	857	983	1000	707
<b>Value</b> (Rs. '000)	89680	136668	158016	182739	159859

E) **Closing Stock** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (Th. tonnes)	255	395	276	429	305

F) **Employment** :

<b>No. of Persons Employed per Day</b>	777	500
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.54	0.38

(p) : provisional

( ) : Figures in parenthesis indicate number of associated mines.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)	546	524	535	516	480

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	9315	8624	9622	36148	2100
<b>Value (Rs. crore)</b>	2.37	2.26	3.09	5.87	1.69
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	43	689	269	1610	146
<b>Value (Rs. crore)</b>	0.07	1.09	0.52	2.24	0.45
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>Ethiopia</b>	<b>Nepal</b>	<b>Bangladesh</b>	<b>Norway</b>	<b>Rwanda</b>	<b>Kenya</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	120	309	426	140	157	91	857
<b>Value (Rs. crore)</b>	0.47	0.28	0.11	0.1	0.1	0.09	0.54
<b>Imports</b>	<b>China P Rp</b>		<b>Turkey</b>	<b>USA</b>	<b>Hong Kong</b>		<b>Others</b>
<b>Quantity (tonnes)</b>	110		17	4	...		15
<b>Value (Rs. crore)</b>	0.34		0.03	0.01	....		0.07

**J) Five Principal Fireclay Mines in 2013-14 :**

<b>Name Of Mine</b>	<b>Location Of Mine</b>	<b>Address Of Mine Owner</b>
Guda (ML 5/96)	Vill. Guda Distt. Bikaner Rajasthan	Sampat Lal Daga, Labhuji Ka Katla, First Floor, Bagree Mohalla, Bikaner – 334 001, Rajasthan.
Thathanur	Vill. Thathanur Distt. Ariyalur Tamil Nadu	A. Abdullah, No. 10/108, North Street, T.Potakollai, Z. Thathanur, Udayarpalayam, Ariyalur – 621 804, Tamil Nadu.
Indo-Ka-Bala (ML 11/93)	Vill. Indo-Ka-Bala Distt. Bikaner Rajasthan	Sampat Lal Daga, Labhuji Ka Katla, First Floor, Bagree Mohalla, Bikaner – 334 001, Rajasthan.
Chandi (ML 4/72)	Vill. Golri Distt. Bikaner Rajasthan	Sampat Lal Daga, Labhuji Ka Katla, First Floor, Bagree Mohalla, Bikaner – 334 001, Rajasthan.
Deh (ML. 17/5)	Vill. Deh Distt. Bikaner Rajasthan	Saurabh Chandana, Rathkhana Colony, Bikaner – 3340 01, Rajasthan.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	326
<b>Percentage Share to All-India Production</b>	46

## FLINT STONE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013</b> (Th. tonnes)	N.E	N.E	N.E
<b>Life Index (Years)</b>			N.E.

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 2	<b>Lease Area</b> 11.87
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C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	2	2	633	459
<b>Private Sector</b>	2	2	633	459
<b>Non-captive</b>	2	2	633	459
<b>'B' Category</b>	2	2	633	459
<b>STATES</b>				
Jharkhand	2	2	633	459

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	-	-	708	633	459
<b>Value (Rs. '000)</b>	-	-	172	192	92

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		-	-	-	-	-

F) **Employment** :

<b>No. of Persons Employed per Day</b>	7	6
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	++	++

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(p): provisional

G) **Domestic Consumption Trend** : **2008-09** **2009-10** **2010-11** **2011-12** **2012-13<sup>(p)</sup>**  
Quantity (tonnes) N.A. N.A. N.A. N.A. N.A.

H) **Exports/Imports Trend** :

<b>Exports (Flint Stone)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Value (Rs. crore)</b>	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Percentage Share to the Value of Exports of All Minerals</b>	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Imports (Flint Stone)</b>					
<b>Quantity (tonnes)</b>	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Value (Rs. crore)</b>	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Percentage Share to the Value of Imports of All Minerals</b>	N.A.	N.A.	N.A.	N.A.	N.A.

I) **Exports/Imports by Country in 2013-14** :

<b>Exports (Flint Stone)</b>						
<b>Quantity (tonnes)</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Value (Rs. crore)</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Imports (Flint Stone)</b>						
<b>Quantity (tonnes)</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Value (Rs. crore)</b>	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

J) **Flint Stone Mines in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Khairboni	Vill. Khairboni, Distt. Sahibganj, Jharkhand.	Sanjay Stone Industries, 411,412,413/P, Vill: Taljhari, Kharbani, Distt. Sahibganj – 816 129, Jharkhand.
Dudxole	Vill. Taljhari, Distt. Sahibganj, Jharkhand.	Sisir Kumar Sarkar, Vill. Taljhari, Taluk: Rajmahal, Distt. Sahibganj – 816 129, Jharkhand.

K) **Contribution of above Mines in 2013-14:**

**Quantity (tonnes)** 459  
**Percentage Share to All-India Production** 100



## FLUORITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013(p)</b> (Th. tonnes)	4574	13614	18188

**Life Index (Years)** : Very large

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 16	<b>Lease Area</b> 1670.71
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C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	2	2	3092	2486
<b>Public Sector</b>	2	2	3092	2486
<b>Captive</b>	1*	1*	-	-
<b>Non-captive</b>	1	1	3092	2486
<b>'A' Category</b>	1*	1*	-	-
<b>'B' Category</b>	1	1	3092	2486
<b>STATES</b>				
Gujarat	1*	1*	-	-
Maharashtra	1	1	3092	2486

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	105232	59954	5010	3092	2486
<b>Value (Rs. '000)</b>	81558	50147	12270	13818	11646

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes) (Graded)		49148	96891	91576	91367	91569

F) **Employment** :

<b>No. of Persons Employed per Day</b>	86	60
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.06	0.05

\* only labour reported

(p): provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)		70500	69900	94000	61600	63300

**H) Exports/Imports Trend :**

<b>Exports (Fluorite)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	2024	390	484	1195	876
<b>Value (Rs. crore)</b>	1.81	0.43	1.09	2.22	1.65
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports (Fluorite)</b>					
<b>Quantity (tonnes)</b>	147138	161925	183662	98043	117254
<b>Value (Rs. crore)</b>	197.15	233.40	463.97	224.19	241.22
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports (Fluorite)</b>	<b>Indonesia</b>	<b>Bangladesh</b>	<b>Brazil</b>	<b>Iran</b>	<b>UAE</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	211	601	31	10	4	19
<b>Value (Rs. crore)</b>	1.04	0.33	0.18	0.04	0.02	0.04
<b>Imports (Fluorite)</b>	<b>China P Rp</b>	<b>Kenya</b>	<b>S. Africa</b>	<b>Thailand</b>	<b>Mongolia</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	72108	15821	13054	9883	1385	5003
<b>Value (Rs. crore)</b>	152.71	31.41	28.79	15.12	2.33	10.86

**J) Fluorite Mines in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Dongargaon	Vill. Dongargaon Distt. Chandrapur Maharashtra	Maharashtra State Mining Corporation Ltd, Plot no. 7, Ajni Square, Wardha Road, Nagpur – 440 015, Maharashtra.

**K) Contribution of above Mines in 2013-14:**

<b>Quantity (tonnes)</b>	2486
<b>Percentage Share to All-India Production</b>	100

## GARNET

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	19325	37638	56963
<b>Life Index</b> (Years)	:		19
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:	<b>No. of Leases</b>	<b>Lease Area</b>
Abrasive		100	1664.37
Gem		3	51.03
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>Garnet (Abrasive)</b>				
<b>INDIA</b>	<b>58(1)</b>	<b>67(1)</b>	<b>768248</b>	<b>457626</b>
<b>Public Sector</b>	2(1)	2(1)	34138	25270
<b>Private Sector</b>	56	65	734110	432356
<b>Captive</b>	14	14	102685	62191
<b>Non-captive</b>	44(1)	53(1)	665563	395435
<b>'A' Category</b>	3(1)	3(1)	102858	88705
<b>'B' Category</b>	55	64	665390	368921
<b>STATES</b>				
Andhra Pradesh	2	2	83683	82804
Odisha	(1)	(1)	23898	19092
Rajasthan	1	1	614	605
Tamil Nadu	55	64	660053	355125

**D) Production Trend :**

Garnet (Abrasive)	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	1581	2126	1718	768	458
<b>Value</b> (Rs. '000)	763377	1274864	981625	924683	958821

**E) Closing Stock :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity Garnet (Abrasive) (Th. tonnes)	273*	383*	394*	54	80

**F) Employment :**

<b>No. of Persons Employed per Day</b>	3269	3299
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	2.29	2.51

(p): Provisional

Figures in paranthesis indicate associated mine with sillimanite.

\* Includes ROM of few mines in Tamil Nadu.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)	899	1409	1917	1290	774

**H) Exports/Imports Trend:**

<b>Exports (Garnet (Abrasive))</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	171420	228663	428716	505281	480774
<b>Value (Rs. crore)</b>	147.07	172.62	350.10	510.87	606.03
<b>Exports (Garnet (Cut &amp; Uncut))</b>					
<b>Quantity (kg)</b>	*	*	*	*	*
<b>Value (Rs. crore)</b>	13.7	1.85	4.25	4.98	3.94
<b>Percentage Share to the Value (Abrasive) of Exports of All Minerals (Cut &amp; Uncut)</b>	0.1	0.1	0.2	0.3	0.3
	++	++	++	++	++
<b>Imports (Garnet (Abrasive))</b>					
<b>Quantity (tonnes)</b>	20	357	314	1115	626
<b>Value (Rs. crore)</b>	++	0.75	0.55	1.98	1.05
<b>Imports (Garnet (Cut &amp; Uncut))</b>					
<b>Quantity (kg)</b>	*	*	*	*	*
<b>Value (Rs. crore)</b>	2.38	1.61	5.35	11.79	4.69
<b>Percentage Share to the Value (Abrasive) of Imports of All Minerals (Cut &amp; Uncut)</b>	++	++	++	++	++
	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports (Garnet Abrasive)</b>	<b>UAE</b>	<b>USA</b>	<b>Saudi Arabia</b>	<b>Kuwait</b>	<b>Ger. F. Rp</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	106077	73289	28473	24987	24047	223901
<b>Value (Rs. crore)</b>	137.24	84.54	35.78	31.62	30.11	286.74
<b>Exports (Garnet (Cut &amp; Uncut))</b>	<b>Thailand</b>	<b>Czech</b>	<b>USA</b>	<b>Japan</b>	<b>Hong Kong</b>	<b>Others</b>
<b>Quantity (kg)</b>	*	*	*	*	*	*
<b>Value (Rs. crore)</b>	2.02	1.05	0.61	0.15	0.06	0.05
<b>Imports (Garnet Abrasive)</b>	<b>U Arab Emts</b>		<b>Norway</b>		<b>Ger. F. Rp</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	348		...		...	278
<b>Value (Rs. crore)</b>	0.64		...		...	0.41
<b>Imports (Garnet (Cut &amp; Uncut))</b>	<b>Thailand</b>	<b>Mozambique</b>	<b>Tanzania</b>	<b>Italy</b>	<b>Hong Kong</b>	<b>Others</b>
<b>Quantity (kg)</b>	*	*	*	*	*	*
<b>Value (Rs. crore)</b>	1.41	1.15	0.8	0.38	0.29	0.66

**J) Principal Garnet Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Vatsavalasa	Vill.Vatsavalasa & Tonan Distt. Srikakulam Andhra Pradesh	Trimex Industries Private Limited, Vill. Govindam Palli, Mandal: Obuavari Palli, Kodur – 516 101, Hyderabad, Andhra Pradesh.
Koodankulam (1.55 ha)	Vill. Thiruvembalapuram Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikaranthattu, Tisaiyanvilai , Radhapuram – 627 657, Tamil Nadu.
K. Pudur	Vill.Thiruvembalapuram Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikaranthattu, Tisaiyanvilai , Radhapuram – 627 657, Tamil Nadu.
TGI Garnet mine	Vill.Mofazbandru & Ippili Distt. Srikakulam Andhra Pradesh	Transworld Garnet India Pvt Ltd., New No. 34, Old No. 46, M.G.R. Road, Kalakshetra Colony, Besant Nagar, Chennai – 600 090, Tamil Nadu.
Oscom (Odisha Sands Com)	Vill. Matikhala Distt. Ganjam Odisha	Indian Rare Earths Ltd, Plot No. 1207, Prabhadevi Veer Savarkar Marg, Near Siddhivinayak Temple, Dadar – 400 028, Mumbai, Maharashtra.

**K) Contribution of above Mines in 2013-14 :**

<b>Garnet (Abrasive) Quantity (tonnes)</b>	141896
<b>Percentage Share to All-India Production</b>	31

## GOLD

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2013(p)</b> :			
<b>Primary Ore</b> (Th. tonnes)	14616	480188	494804
<b>Metal</b> (tonnes)	72	568	640
<b>Life Index</b> (Years) (Ore) :			227
<b>B) Mining Leases as on 31-3-2013</b> :	<b>No. of Leases</b>		<b>Lease Area</b>
(Area in Hectares)	13		7186.41

**C) Mines Reporting Production :**

	No. of Mines		Production	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>4</b>	<b>4</b>		
Ore (Th. tonnes)			<b>503</b>	<b>421</b>
Gold Bullion (kg)			<b>1588</b>	<b>1564</b>
Primary			1588	1564
<b>Primary</b>				
<b>Public Sector</b>	3	3		
Ore (Th. tonnes)			499	413
Gold Bullion (kg)			1583	1556
<b>Private Sector</b>	1	1		
Ore (Th. tonnes)			4	8
Gold Bullion (kg)			5	8
<b>Captive</b>	4	4		
Ore (Th. tonnes)			503	421
Gold Bullion (kg)			1588	1564
<b>'A' Category</b>	3	3		
Ore (Th. tonnes)			499	413
Gold Bullion (kg)			1583	1556
<b>'B' Category</b>	1	1		
Ore (Th. tonnes)			4	8
Gold Bullion (kg)			5	8
<b>STATES</b>				
<b>Jharkhand</b>	1	1		
Ore (Th. tonnes)			4	8
Gold Bullion (kg)			5	8
<b>Karnataka</b>	3	3		
Ore (Th. tonnes)			499	413
Gold Bullion (kg)			1583	1556

**D) Production Trend :**

Quantity	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Ore (Th. tonnes)	518	742	492	503	421
Gold Bullion (kg)	2084	2399	2194	1588	1564
<b>Value (Rs. '000)</b>					
Gold Bullion	3425814	4345197	5311592	5172517	4225315

<b>E) Closing Stock</b> :	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Ore) (Th. tonnes)	241	408	378	326	191

<b>F) Employment</b> :					
<b>No. of Persons Employed per Day</b>				3204	3361
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				2.24	2.56

(p): provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(P)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (Metal) (kg)</b>	22990	34595	169126	85349	70721
<b>Value (Rs. crore)</b>	982.72	427.55	1979.94	24116.41	18351.3
<b>Percentage Share to the Value of Exports of All Metals</b>	1.7	0.5	1.9	17.3	12.1
<b>Imports</b>					
<b>Quantity (Metal) (kg)</b>	851023	969738	1078354	1013703	661715
<b>Value (Rs. crore)</b>	135883.20	184728.75	269900.71	292152.82	166242.62
<b>Percentage Share to the Value of Imports of All Metals</b>	63.4	64.4	64.5	65.8	52.2

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>UAE</b>	<b>Switzerland</b>	<b>Egypt A Rp</b>	<b>Hong Kong</b>	<b>Australia</b>	<b>Others</b>
<b>Quantity (Metal) (kg)</b>	70644	46	22	5	2	2
<b>Value (Rs. crore)</b>	18333.47	9.73	5.96	1.38	0.5	0.26
<b>Imports</b>	<b>Switzerland</b>	<b>UAE</b>	<b>S. Africa</b>	<b>USA</b>	<b>Australia</b>	<b>Others</b>
<b>Quantity (Metal) (kg)</b>	387166	119751	58961	32694	22262	40881
<b>Value (Rs. crore)</b>	98699.9	30475.75	14957.7	7071.13	5690.69	9347.45

**J) Gold Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Hutti	Vill. Hutti Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd, Hutti, Distt. Raichur, Karnataka – 548 115.
Hirabuddin	Vill. Hirabuddin Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd, Hirabuddin, Distt. Raichur, Karnataka – 548 115.
Uti	Vill. Uti Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd, Hutti, Distt. Raichur, Karnataka – 548 115.
Kunderkocha	Vill. Kunderkocha Distt. East Singhbhum Jharkhand	Manmohan Industries (p) Ltd, Shanti Niketan, 286, New Patliputra Colony, Patna, Bihar.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (kg) Gold Bullion (Primary)</b>	421
<b>Percentage Share to All-India</b>	100

## GRAPHITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	8032	166818	174850
<b>Life Index (Years)</b>			139

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 110	<b>Lease Area</b> 3762.07
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C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(P)</sup>
<b>INDIA</b>	<b>16</b>	<b>11</b>	<b>134735</b>	<b>146009</b>
<b>Public Sector</b>	2	2	69477	87995
<b>Private Sector</b>	14	9	65258	58014
<b>Captive</b>	3	2	76538	90200
<b>Non-captive</b>	13	9	58197	55809
<b>'B' Category</b>	16	11	134735	146009
<b>STATES</b>				
Chattisgarh	-	1	-	1403
Jharkhand	10	5	55855	43717
Karnataka	1	1	3241	2205
Odisha	3	2	6530	10139
Tamil Nadu	2	2	69109	88545

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(P)</sup>
<b>Quantity (tonnes)</b>	124625	115697	153339	134735	146009
<b>Value (Rs. '000)</b>	53830	50380	69449	84133	81651

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(P)</sup></b>
Quantity (tonnes)		69666	76640	87722	111297	115820

F) **Employment** :

**No. of Persons Employed per Day** 346      180

**Percentage Share of Employment to  
Total for MCDR Minerals** 0.24      0.14

(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	14400	14600	40700	45700	52700

**H) Exports/Imports Trend:**

<b>Exports (Graphite (Natural))</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	1048	1205	1683	2304	820
<b>Value (Rs. crore)</b>	8.14	7.97	10.13	15.54	11.24
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports (Graphite (Natural))</b>					
<b>Quantity (tonnes)</b>	12780	14348	19287	19485	22916
<b>Value (Rs. crore)</b>	39.57	46.00	94.43	119.35	123.56
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.1	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>Ger. F. Rp</b>	<b>Netherlands</b>	<b>UK</b>	<b>Japan</b>	<b>Turkey</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	145	112	69	163	36	295
<b>Value (Rs. crore)</b>	2.69	2.31	1.29	0.94	0.8	3.21
<b>Imports</b>	<b>China P Rp</b>	<b>Madagascar</b>	<b>Brazil</b>	<b>USA</b>	<b>Ger. F. Rp</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	19955	1164	1041	401	97	258
<b>Value (Rs. crore)</b>	93.99	9.98	9.16	4.85	2.52	3.06

**J) Five Principal Graphite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Sivaganga	Vill. Senthuidyanathapuram Distt. Sivagangai Tamil Nadu	Tamil Nadu Minerals Ltd, 31, Kamarajar Salai, Chepauk, Chennai – 600 005, Tamil Nadu.
Murma	Vill. Murma Distt. Palamau Jharkhand	K. K. Poddar, 3P, Shree Gopal Complex, Court Road, Ranchi – 834 001, Jharkhand.
Gaura	Vill. Gaura Distt. Palamau Jharkhand	Shishir Kumar Poddar, 4L, Shree Gopal Complex, Court road, Ranchi – 834 001, Jharkhand.
Kumbhibhata	Vill. Kumbhibhata Distt. Rayagada Odisha	T.P. Minerals Pvt. Ltd, Hospital Road, Distt. Sambalpur – 768 002, Odisha.
Khamadih	Vill. Murma Distt. Palamau Jharkhand	Orissa Manganese & Mineral Pvt, Ltd, Lansdowne Towers, 6 <sup>th</sup> Floor, 2/1 A, Sarat Bose Road, Kolkata, West Bengal.

**K) Contribution of above Mines in 2013-14 :**

**Quantity (tonnes)** 135749

**Percentage Share to All-India Production** 93



## GYPSUM

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	39096	1247402	1286498
<b>Life Index</b> (Years) (Gypsum & Selenite)	:		231
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:	<b>No. of Leases</b> 106	<b>Lease Area</b> 19102.32

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14 <sup>(p)</sup>	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	37	39	3557	2930
<b>Public Sector</b>	31	32	3553	2884
<b>Private Sector</b>	6	7	4	46
<b>Non-captive</b>	37	39	3557	2930
<b>'B' Category</b>	37	39	3557	2930
<b>STATES</b>				
Jammu & Kashmir	3	2	44	34
Rajasthan	29	32	3510	2895
Others	5	5	3	1

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	3370	4918	3979	3557	2930
<b>Value</b> (Rs. '000)	1004631	1475454	1686042	1699808	1385538

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		15	46	135	254	87

F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>				375	389	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				0.26	0.30	

(p) : Provisional

++ : Negligible

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(D)</sup></b>
Quantity (Th. tonnes)	6567	6984	8216	8869	8667

**H) Exports/Imports Trend:**

<b>Exports (Gypsum &amp; Plaster)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	100520	100918	51732	44142	48924
<b>Value (Rs. crore)</b>	11.43	13.76	7.85	10.22	10.91
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports (Gypsum &amp; plaster)</b>					
<b>Quantity (tonnes)</b>	1548701	1697746	2776177	3218900	3231930
<b>Value (Rs. crore)</b>	221.27	221.30	397.90	501	525.2
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>Nepal</b>	<b>Tanzania Rp</b>	<b>Singapore</b>	<b>S. Africa</b>	<b>Sri Lanka</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	47106	308	160	197	222	931
<b>Value (Rs. crore)</b>	7.36	0.73	0.58	0.33	0.32	1.59
<b>Imports</b>	<b>Oman</b>	<b>Thailand</b>	<b>Pakistan</b>	<b>Iran</b>	<b>USA</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	1818917	449815	557507	359327	2106	44258
<b>Value (Rs. crore)</b>	274.06	86.3	79.3	60.59	10.08	14.87

**J) Five Principal Gypsum Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Ballar	Vill. Ballar Distt. Bikaner Rajasthan	Rajasthan State Mines and Minerals Ltd, C-89, 90 Janpath, Lal Kothi Scheme, Jaipur – 302 015, Rajasthan.
Mohangarh	Vill. Mohangarh Distt. Jaisalmer Rajasthan	FCI Aravali Gypsum and Minerals India Ltd, Mangu Singh Rajvi Marg, Paota' B' road, Jodhpur – 342 010, Rajasthan.
Got-Manglod	Vill. Got-Manglod Distt. Nagaur Rajasthan	Rajasthan State Mines and Minerals Ltd, C-89,90 Janpath, Lal Kothi Scheme, Jaipur – 302 015, Rajasthan.
Dhani Abdullawali	Vill. Dhani Abdullawali Distt. Bikaner Rajasthan	Rajasthan State Mines and Minerals Ltd, C-89,90 Janpath, Lal Kothi Scheme, Jaipur – 302 015, Rajasthan.
Dehriya	Vill. Dehriya Distt. Bikaner Rajasthan	Rajasthan State Mines and Minerals Ltd, C-89,90 Janpath, Lal Kothi Scheme, Jaipur – 302 015, Rajasthan.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	2133
<b>Percentage Share to All-India Production</b>	73

# IOLITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013</b> (kg)	N.A.	N.A.	N.A.

**Life Index (Years)** : N.E

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 11	<b>Lease Area</b> 104.35
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C) **Mines Reporting Production** :

	No. of Mines		Production (kg)	
	2012-13	2013-14 <sup>(p)</sup>	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	2*	2*	-	-
<b>Private Sector</b>	2*	2*	-	-
<b>Non-captive</b>	2*	2*	-	-
<b>'B' Category</b>	2*	2*	-	-
<b>STATE</b>				
Odisha	2*	2*	-	-

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (kg)</b>	758	4	-	-	-
<b>Value (Rs. '000)</b>	40862	40	-	-	-

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (kg)	-	2199	2203	2203	2203	2203

F) **Employment** :

<b>No. of Persons Employed per Day</b>	32	40
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.02	0.03

(p) : provisional

\* : only labour reported

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (kg)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (kg)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (kg)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**K) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	-
<b>Quantity (kg)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	-
<b>Quantity (kg)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Iolite Mine in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
No mine reported production		

**K) Contribution of above mine in 2013-14:**

<b>Quantity (kg)</b>	-
<b>Percentage Share to All-India Production</b>	-

## IRON ORE AND CONCENTRATES

Items	Reserves	Remaining Resources	Total
A) Recoverable Reserves (Total) :	<b>6642</b>	<b>24681</b>	<b>31323</b>
(Million tonnes) Hematite {1-4-2013(p)}	6608	13968	20576
Magnetite {1-4-2013(p)}	34	10713	10747
Life Index (Years) :			Very Large
(Includes Hematite & Magnetite)			
B) Mining Leases as on 31-3-2013 :	No. of Leases		Lease Area
Iron Ore (Area in Hectares)	774		93790.37

C) Mines Reporting Production :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>310(16)</b>	<b>298(16)</b>	<b>136618</b>	<b>152433</b>
<b>Public Sector</b>	36(1)	35(1)	52661	59540
<b>Private Sector</b>	274(15)	263(15)	83957	92893
<b>Captive</b>	28	29	44961	50099
<b>Non-captive</b>	282(16)	269(16)	91657	102334
<b>'A' Category</b>	137(2)	139(4)	103813	108143
<b>'B' Category</b>	173(14)	159(12)	32805	44290
<b>STATES</b>				
Andhra Pradesh	41(3)	31(3)	1176	753
Chhattisgarh	11	11	27963	30156
Goa	65(2)	65	10897	-
Jharkhand	15(1)	23(1)	17986	22557
Karnataka	74	62(2)	11504	18308
Madhya Pradesh	14(7)	15(7)	1225	2115
Maharashtra	13	17	1193	1621
Odisha	75(3)	71(3)	64439	76227
Rajasthan	2	3	235	696
<b>GRADES</b>				
<b>Lumps (Total)</b>			<b>54270</b>	<b>58699</b>
Below 55% Fe			3381	3328
55% to below 58% Fe			1793	2068
58% to below 60% Fe			2906	2644
60% to below 62% Fe			3970	6128
62% to below 65% Fe			27181	28116
65% Fe and above			15039	16415
<b>Fines (Total)</b>			<b>82025</b>	<b>93014</b>
Below 55% Fe			8318	7037
55% to below 58% Fe			5786	5739
58% to below 60% Fe			4153	6717
60% to below 62% Fe			15826	14680
62% to below 65% Fe			34373	44201
65% Fe and above			13569	14640
<b>Concentrates (Total)</b>			<b>323</b>	<b>720</b>

D) Production Trend :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	218553	207157	168582	136618	152433
<b>Value</b> (Rs. '000)	264620052	396141714	383570264	328244402	320314998

E) Closing Stock :	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	90767	120630	125655	119875	123971

F) Employment :					
No. of Persons Employed per Day				42645	38228
Percentage Share of Employment to Total for MCDR Minerals				29.88	29.08

(p): Provisional

Figures in parentheses indicate additional mines associated with manganese ore, laterite, dolomite and limestone.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(P)</sup></b>
Quantity (Th. tonnes)	86816	96955	107220	100572	103399

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (Th. tonnes)</b>	101531	46890	47153	18122	16302
<b>Value (Rs. crore)</b>	28366.17	21415.69	22184.40	8985.21	9481.11
<b>Percentage Share to the Value of Exports of All Minerals</b>	22.2	12.3	12.7	5.6	4.9
<b>Imports</b>					
<b>Quantity (Th. tonnes)</b>	897	1867	978	3056	369
<b>Value (Rs. crore)</b>	468.11	1028.48	688.58	2577.86	342.36
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.1	0.2	0.1	0.2	0

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>China P Rp</b>	<b>Japan</b>	<b>Korea Rp</b>	<b>Oman</b>	<b>Egypt A Rp</b>	<b>Others</b>
<b>Quantity (Th. tonnes)</b>	13473	1961	407	202	54	205
<b>Value (Rs. crore)</b>	7337.89	1487.34	306.51	180.44	46.05	122.88
<b>Imports</b>	<b>Russia</b>	<b>Baharain Is</b>	<b>Australia</b>	<b>S. Africa</b>	<b>Ukraine</b>	<b>Others</b>
<b>Quantity (Th. tonnes)</b>	194	57	43	41	5	29
<b>Value (Rs. crore)</b>	180.91	57.09	38.96	37.36	4.65	23.39

**J) Five Principal Iron ore Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Bailadila Iron Ore Mine Kirandul Complex	Vill. Kirandul Distt. Dantewada Chhattisgarh	National Mineral Development Corp. Ltd, Khanij Bhavan, 10-3-311/A, Castle Hills, Masab Tank, Hyderabad – 500 028, Andhra Pradesh.
Balda Block	Vill. Balda Distt. Keonjhar Odisha	Serajuddin & Co. P-16, Bentink Street, Kolkata – 700 069, West Bengal.
Joda East	Vill. Joda Distt. Keonjhar Odisha	Tata Steel Ltd, Bombay House, 24 Homi Mody Street, Fort, Mumbai – 400 001, Maharashtra.
Bailadila Deposit No 5	Vill. Bachel Distt. Dantewada Chhattisgarh	National Mineral Dev. Corp. Ltd, Khanij Bhavan, 10-3-311/A, Castle Hills, Masab Tank, Hyderabad – 500 028, Andhra Pradesh.
Jajang	Vill-Jajang Distt. Keonjhar Odisha	Rungta Mines Ltd, 8A- Express Tower, 42A – Shakespeare Sarani, Kolkata – 700017, West Bengal.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	39330
<b>Percentage Share to All-India Production</b>	26

# JASPER

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013</b>	N.A.	N.A.	N.A.

**Life Index (Years)** : N.E.

B) <b>Mining Leases as on 31-3-2013</b>	No. of Leases	Lease Area
(Area in Hectares)	5	211.70

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	-	-	-	-
<b>Private Sector</b>	-	-	-	-
<b>Non-captive</b>	-	-	-	-
<b>'B' Category</b>	-	-	-	-
<b>STATE</b>				
Rajasthan	-	-	-	-

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	-	-	-	-	
<b>Value (Rs. '000)</b>	-	-	-	-	

E) <b>Closing Stock</b>	:	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (tonnes)		NA	NA	NA	NA	NA

F) **Employment** :

No. of Persons Employed per Day	-	-
Percentage Share of Employment to Total for MCDR Minerals	-	-

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(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Principal Jasper Mines in 2013-14:**

Nil

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	-
<b>Percentage Share to All-India Production</b>	-



## KAOLIN

<b>Items</b>		<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
A) <b>Total Resources 1-4-2010</b> (million tonnes)	:	177	2528	2705
<b>Life Index</b> (Years)	:			271
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:		<b>No. of Leases</b> 516	<b>Lease Area</b> 15612.20
C) <b>Mines Reporting Production</b>	:			

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>145(10)</b>	<b>158(7)</b>	<b>4259</b>	<b>4753</b>
Natural			4157	4686
Processed			102	67
<b>Public Sector</b>	<b>5</b>	<b>5</b>	<b>13</b>	<b>8</b>
Natural			4	++
Processed			9	8
<b>Private Sector</b>	<b>140(10)</b>	<b>153(7)</b>	<b>4246</b>	<b>4745</b>
Natural			4153	4686
Processed			93	59
<b>Captive</b>	<b>8</b>	<b>8</b>	<b>153</b>	<b>254</b>
Natural			153	254
Processed			-	-
<b>Non-captive</b>	<b>137(10)</b>	<b>150(7)</b>	<b>4106</b>	<b>4499</b>
Natural			4004	4432
Processed			102	67
<b>'A' Category</b>	<b>10(1)</b>	<b>10</b>	<b>209</b>	<b>368</b>
Natural			190	363
Processed			19	5
<b>'B' Category</b>	<b>135(9)</b>	<b>148(7)</b>	<b>4050</b>	<b>4385</b>
Natural			3967	4323
Processed			83	62
<b>STATES</b>				
<b>Andhra Pradesh</b>	<b>11</b>	<b>9</b>	<b>53</b>	<b>52</b>
Natural			53	52
Processed			-	-
<b>Gujarat</b>	<b>54(3)</b>	<b>57(3)</b>	<b>2656</b>	<b>3081</b>
Natural			2621	3052
Processed			35	29
<b>Kerala</b>	<b>21(1)</b>	<b>20(1)</b>	<b>708</b>	<b>712</b>
Natural			702	707
Processed			6	5
<b>Rajasthan</b>	<b>37(3)</b>	<b>59(2)</b>	<b>662</b>	<b>806</b>
Natural			623	781
Processed			39	25
<b>West Bengal</b>	<b>13</b>	<b>8(1)</b>	<b>99</b>	<b>90</b>
Natural			93	85
Processed			6	5
<b>Others</b>	<b>9(3)</b>	<b>5</b>	<b>81</b>	<b>12</b>
Natural			65	9
Processed			16	3

D) <b>Production Trend</b>	:					
		<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
<b>Quantity (Th. tonnes)</b>						
Total		2798	2728	3077	4259	4753
Natural		2718	2651	3001	4157	4686
Processed		80	77	76	102	67
<b>Value (Rs. '000)</b>						
Total		676728	737101	652368	1157392	1159135
Natural		524683	598095	518389	857871	967571
Processed		152045	139006	133979	299521	191564

E) <b>Closing Stock</b>	:					
Quantity (Th. tonnes)		2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
		412	407	499	900	1067
F) <b>Employment</b>						
<b>No. of Persons Employed per Day</b>					2818	2431
<b>Percentage Share of Employment to Total for MCDR Minerals</b>					1.97	1.85

Figures in parentheses indicate associated mines.  
 ++: Negligible. (p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(b)</sup></b>
Quantity (Th. tonnes)	1088	1485	1488	1490	1489

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	160935	112016	184734	191953	276165
<b>Value (Rs. crore)</b>	49.08	42.31	58.21	73.69	105.35
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	0.1
<b>Imports</b>					
<b>Quantity (tonnes)</b>	46708	52663	73647	87867	80204
<b>Value (Rs. crore)</b>	56.39	63.67	107.83	109.53	142.09
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>UAE</b>	<b>Bangladesh</b>	<b>Ger. F. Rp</b>	<b>Iran</b>	<b>Egypt A Rp</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	205898	29010	4753	6349	1938	28217
<b>Value (Rs. crore)</b>	31.31	13.42	7.88	6.83	5.15	40.76
<b>Imports</b>	<b>USA</b>	<b>China P Rp</b>	<b>France</b>	<b>Bulgaria</b>	<b>Indonesia</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	44271	10955	4740	3123	...	17115
<b>Value (Rs. crore)</b>	87.87	15.87	9.15	6.46	....	22.74

**J) Five Principal Kaolin Mines in 2013-14 :**

<b>Name of Mines</b>	<b>Location of Mines</b>	<b>Address of Mines Owner</b>
Nadapa	Vill. Nadapa Distt. Kutchh Gujarat	Vinod P. Solanki, Main Bazaar, Junavas, P.O. Madhapar, Taluka: Bhuj, Distt. Kutch, Gujarat.
Mamuara	Vill. Mamuara Distt. Kutchh Gujarat	H.D. Enterprises Pvt. Ltd, 101, Pooja Complex 'A', Above ICICI Bank Ltd, P.O. Bhuj, Distt. Kutch – 370 001. Gujarat.
Dagala	Vill. Dagala Distt. Kutchh Gujarat	Gopal Savabhai Dangar, Near Ramdevpir Temple, Nadapa, Distt. Kutchh – 370 020, Gujarat.
Mamuara (S. No. 299/2,4.7336 ha)	Vill. Mamuara Distt. Kutchh Gujarat	Satish Valji Chhanga & Harilal Hira Jatiya, Vill. Mamuara, Taluka-Bhuj, Distt. Kutchh, Gujarat.
Mamuara (S. No. 483(P), 20 ha)	Vill. Mamuara Distt. Kutchh Gujarat	Satish Valji Chhanga & Harilal Hira Jatiya, Mamuara, Taluka-Bhuj, Distt. Kutchh, Gujarat.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	2093
<b>Percentage Share to All-India Production</b>	44

++ : Negligible

## KYANITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	1575	101671	103246
<b>Life Index (Years)</b>			Very Large
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b>		<b>Lease Area</b>
	32		3151.89

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(P)</sup>
<b>INDIA</b>	4	3	1048	1922
<b>Public Sector</b>	2	1	1040	142
<b>Private Sector</b>	2	2	8	1780
<b>Non-captive</b>	4	3	1048	1922
<b>'B' Category</b>	4	3	1048	1922
<b>STATES</b>				
Jharkhand	1	-	1015	-
Maharashtra	3	3	33	1922
<b>GRADES</b>				
40 % Al <sub>2</sub> O <sub>3</sub> & above			8	1439
Below 40 % Al <sub>2</sub> O <sub>3</sub>			1040	483

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(P)</sup>
<b>Quantity (tonnes)</b>	5495	5954	4064	1048	1922
<b>Value (Rs. '000)</b>	5812	6291	4802	1248	5720

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(P)</sup></b>
Quantity (tonnes)		2341	1977	8174	8383	9864

F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>				55	38	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				0.04	0.03	

(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	3800	4400	2900	2900	3000

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	130	3	1	53	52
<b>Value (Rs. crore)</b>	0.23	++	++	0.08	0.12
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	292	504	260	622	394
<b>Value (Rs. crore)</b>	0.82	1.13	1.48	2.08	1.37
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>Greece</b>	<b>Ethiopia</b>	<b>China P Rp</b>	<b>Nepal</b>	<b>Belgium</b>
<b>Quantity (tonnes)</b>	23	1	20	8	....
<b>Value (Rs. crore)</b>	0.05	0.03	0.03	0.01	....
<b>Imports</b>	<b>USA</b>	<b>Nepal</b>	<b>Malaysia</b>	<b>Others</b>	
<b>Quantity (tonnes)</b>	368	6	...	20	
<b>Value (Rs. crore)</b>	1.03	0.29	...	0.05	

**J) Kyanite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Pavri Kyanite Mine(Jamdi)	Vill. Jamdi (Girola) Dist. Bhandara Maharashtra	Pavri Kyanite Mine, Cimmco House, A-1 Indrasagar Apartment, Ravindranath Tagore Marg, Civil Line, Nagpur – 440 001, Maharashtra.
Navargaon	Vill. Navargaon Distt. Bhandara Maharashtra	Maharashtra State Mining Corp. Ltd., Plot No. 7, Ajni Square, Wardha Road, Nagpur – 440 015, Maharashtra.
Digori Kyanite Mine	Vill. Digori Dist. Bhandara Maharashtra	Digori Kyanite Mine, Shri Vinod K. Bhujade, Apna Nagar, Takiya Ward, Nagpur Road, Bhandara – 441 904, Maharashtra.

**K) Contribution of above Mines in 2013-14:**

<b>Quantity (tonnes)</b>	1922
<b>Percentage Share to All-India Production:</b>	100

++ : Negligible

## LATERITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013(p)</b> (Th. tonnes)	58151	477309	535460
<b>Life Index (Years)</b>	:		26
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:	<b>No. of Leases</b> 193	<b>Lease Area</b> 2428.61
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>69 (20)</b>	<b>61(19)</b>	<b>4121</b>	<b>3492</b>
<b>Public Sector</b>	2	2	61	159
<b>Private Sector</b>	67(20)	59(19)	4060	3333
<b>Captive</b>	2(1)	1	100	15
<b>Non-captive</b>	67(19)	60(19)	4021	3477
<b>'A' Category</b>	(1)	(1)	29	35
<b>'B' Category</b>	69(19)	61(18)	4092	3457
<b>STATES</b>				
Andhra Pradesh	44 (2)	40(1)	3228	2615
Gujarat	3	2	118	19
Karnataka	1	1	163	119
Kerala	2(1)	3	98	167
Madhya Pradesh	18(17)	13(18)	510	518
Others	1	2	4	54
<b>For use in alumina and aluminium metal extraction</b>				
40-45% Al <sub>2</sub> O <sub>3</sub>			-	29
Below 40% Al <sub>2</sub> O <sub>3</sub>			119	64
<b>For use other than alumina and aluminium metal extraction</b>				
Cement			4001	3396
Abrasive			-	1
Chemical			1	2

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	1301	1220	2815	4121	3492
<b>Value (Rs. '000)</b>	177376	147948	395548	702753	651694

**E) Closing Stock :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (Th. tonnes)	102	209	870	1070	1355

**F) Employment :**

<b>No. of Persons Employed per Day</b>	971	884
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.68	0.67

( ) : Figures in parentheses indicate associated mines with bauxite, ochre, iron ore, fireclay & lime stone.

(p): Provisional.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(P)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Five Principal Laterite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Chinthaluru	Vill. Chinthaluru Distt. East Godavari Andhra Pradesh	Maheswari Minerals, 1-1-37/1, Kondaihpalem, Gangeyulu, Vari Street, Near Nukalamma Temple, Kakinada East Godavari, Andhra Pradesh.
U.S.H.P.	Vill. Vanthada Distt. East Godavari Andhra Pradesh	S. Soban Babu, D. No. 23-16-25/A, Lalitha Nagar, Rajahmundry, East Godavari, Andhra Pradesh.
Agariya	Vill. Agariya Distt. Jabalpur Madhya Pradesh	Maa Sharda Mining & Chemical Works, 72, 1 <sup>st</sup> Floor Aditya Avenue, M.P. Nagar, Bhopal, Madhya Pradesh.
Karindalam	Vill. Karindalam Distt. Kasaragod Kerala	Kerala Clay & Ceramic Products Ltd., Clay House, Pappinisseri, Kannur – 670 561, Kerala.
Madireddypally	Vill. Madireddypally Distt. Rangareddi Andhra Pradesh	G. Rajendranath Goud, 1-8-497/3, Chickadapally, Hyderabad, Andhra Pradesh.

**K) Contribution of above Mines in 2013-14:**

<b>Quantity (Th. tonnes)</b>	1231
<b>Percentage Share to All-India Production</b>	35

## LEAD AND ZINC CONCENTRATES

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013(p)</b> :			
(Th. tonnes) a) Ore	102795	606248	709043
b) Lead metal	2115	9889	12004
c) Zinc metal	10893	24963	35856
<b>Life Index (Years) (Lead &amp; Zinc Ore):</b>			37

B) <b>Mining Leases as on 31-3-2013</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares) (Lead & Zinc Ore)	14	7791.41

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>India</b>				
Lead & Zinc Ore	8	8	8633	9252
Lead Concentrates			184	194
Zinc Concentrates			1493	1491
<b>Private Sector</b>				
Lead & Zinc Ore	8	8	8633	9252
Lead Concentrates			184	194
Zinc Concentrates			1493	1491
<b>Captive</b>				
Lead & Zinc Ore	8	8	8633	9252
Lead Concentrates			184	194
Zinc Concentrates			1493	1491
<b>'A' Category</b>				
Lead & Zinc Ore	8	8	8633	9252
Lead Concentrates			184	194
Zinc Concentrates			1493	1491

STATES	No. of Mines		Production (Th. tonnes)					
	2012-13	2013-14	2012-13			2013-14 <sup>(p)</sup>		
			Qty.	Pb%	Zn%	Qty.	Pb%	Zn%
Rajasthan								
Lead & Zinc Ore	8	8	8633	1.89	10.37	9252	1.73	9.23
Lead Concentrates			184	56.56		194	56.48	
Zinc Concentrates			1493		50.88	1491		51.65

D) **Production Trend** :                      **2009-10**      **2010-11**      **2011-12**      **2012-13**      **2013-14<sup>(p)</sup>**

Quantity (Th. tonnes)					
Lead & Zinc Ore	7102	7540	8042	8633	9252
Lead Concentrates	134	148	162	184	194
Zinc Concentrates	1280	1427	1414	1493	1491
Value (Rs. '000)					
Lead Concentrates	1765874	2000435	2454497	3300883	4303052
Zinc Concentrates	13058419	17930226	19862214	23948683	27421597

E) **Closing Stock** :                      **2009-10**      **2010-11**      **2011-12**      **2012-13**      **2013-14<sup>(p)</sup>**

Quantity (Th. tonnes)					
Lead & Zinc Ore	99	208	30	63	89
Lead Conc.	10	18	5	9	2
Zinc Conc.	53	68	17	28	11

F) **Employment** :

<b>No. of Persons Employed per Day</b>	4665	6814
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	3.27	5.18

(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(P)</sup></b>
Lead Concentrates (Th. tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.
Zinc Concentrates (Th. tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend :**

<b>Exports (Lead Ores &amp; Concentrates)</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity</b> (tonnes)	36476	39195	10226	14	7
<b>Value</b> (Rs. crore)	243.46	389.18	139.05	0.03	0.02
<b>Exports (Zinc Ores &amp; Concentrates)</b>					
<b>Quantity</b> (tonnes)	191960	67501	5591	75870	45660
<b>Value</b> (Rs. crore)	616.8	284.67	1.42	295.79	162.01
<b>Percentage Share to Val.</b> (Lead Ore & conc.)	0.2	0.2	0.1	++	++
<b>of Exports of All Minerals</b> (Zinc Ore & conc.)	0.5	0.2	++	0.2	0.1
<b>Imports (Lead Ores &amp; Concentrates)</b>					
<b>Quantity</b> (tonnes)	6944	9722	30282	56049	33405
<b>Value</b> (Rs. crore)	22.33	34.21	191.51	759.06	388.09
<b>Imports (Zinc Ores &amp; Concentrates)</b>					
<b>Quantity</b> (tonnes)	59857	88171	63194	111912	33113
<b>Value</b> (Rs. crore)	191.11	341.59	239.65	499.73	156.23
<b>Percentage Share to Val.</b> (Lead Ore & conc.)	++	++	++	0.1	++
<b>of Imports of All Minerals</b> (Zinc Ore & conc.)	++	0.1	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports (Lead ores &amp; conc.)</b>	<b>Sri Lanka</b>	<b>Bangladesh</b>	<b>Netherlands</b>	<b>Others</b>		
<b>Quantity</b> (tonnes)	5	2	...	....		
<b>Value</b> (Rs. crore)	0.01	0.01	....	....		
<b>Exports (Zinc ores &amp; conc.)</b>	<b>China P Rp</b>		<b>Korea Rp</b>	<b>Others</b>		
<b>Quantity</b> (tonnes)	34960		10700	....		
<b>Value</b> (Rs. crore)	124.68		37.33	....		
<b>Imports (Lead ores &amp; conc.)</b>	<b>Australia</b>	<b>Peru</b>	<b>UAE</b>	<b>Morocco</b>	<b>Mexico</b>	<b>Others</b>
<b>Quantity</b> (tonnes)	10912	5027	4356	152	...	12958
<b>Value</b> (Rs. crore)	200.79	61.38	23.21	0.97	...	101.74
<b>Imports (Zinc ores &amp; conc.)</b>	<b>Australia</b>	<b>Peru</b>	<b>Greece</b>	<b>Spain</b>	<b>Morocco</b>	<b>Others</b>
<b>Quantity</b> (tonnes)	19969	10109	...	...	...	3035
<b>Value</b> (Rs. crore)	89.96	53.06	...	...	...	13.21

**J) Principal Lead & Zinc Mines in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Rampura Agucha	Vill. Agucha Distt. Bhilwara Rajasthan	Hindustan Zinc Ltd, Yashad Bhawan, Udaipur, Rajasthan – 313 004.
Sundesar Khurd	Vill. Zawar Distt. Udaipur Rajasthan	
Rajpur Dariba	Vill. Dariba Distt. Rajsamand Rajasthan	
Balaria	Vill. Balaria Distt. Udaipur Rajasthan	
Mochia	Vill. Zawar Distt. Udaipur Rajasthan	

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity</b> (Th. tonnes)	8647
<b>Percentage share to all India Production</b>	93



## LIME KANKAR

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2013	N.A.	N.A.	N.A.

Life Index (Years) : (Included in Limestone)

B) Mining Leases as on 31-3-2013	No. of Leases	Lease Area
(Area in Hectares)	7	43.63

C) Mines Reporting Production :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	4	2	192426	140088
<b>Private Sector</b>	4	2	192426	140088
<b>Captive</b>	2	2	192151	140088
<b>Non-captive</b>	2	-	275	-
<b>'A' Category</b>	1	1	83880	97373
<b>'B' Category</b>	3	1	108546	42715
<b>STATES</b>				
Andhra Pradesh	2	-	275	-
Tamil Nadu	2	2	192151	140088

D) Production Trend :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	335	384	311	192	140
<b>Value</b> (Rs. '000)	58754	84903	59469	43564	28481

E) Closing Stock	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (Th. tonnes)	128	133	184	193	162

F) Employment :

No. of Persons Employed per Day	20	15
Percentage Share of Employment to Total for MCDR Minerals	0.01	0.01

(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Lime Kankar Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Maravarperungudi-III	Vill. Suddhamadam & Salukkuvarpatti Distt. Virudhunagar, Tamil Nadu.	The Ramco Cements Ltd, Auras Corporate Centre, 5 <sup>th</sup> Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai – 600 004, Tamil Nadu.
Maravarperungudi-II	Vill. Maravarperungudi, Distt. Virudhunagar, Tamil Nadu.	The Ramco Cements Ltd, Auras Corporate Centre, 5 <sup>th</sup> Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai – 600 004, Tamil Nadu.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	140
<b>Percentage Share to All-India Production</b>	100

## LIME SHELL

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013</b>	N.A.	N.A.	N.A.

**Life Index (Years)** : (Included in Limestone)

B) <b>Mining Leases as on 31-3-2013</b>	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	26	3985.54

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>6</b>	<b>6</b>	<b>24044</b>	<b>18786</b>
<b>Public Sector</b>	1	1	12500	8390
<b>Private Sector</b>	5	5	11544	10396
<b>Captive</b>	1	1	12500	8390
<b>Non-captive</b>	5	5	11544	10396
<b>'A' Category</b>	1	1	3006	4120
<b>'B' Category</b>	5	5	21038	14666
<b>STATES</b>				
Kerala	5	5	23939	18726
Tamilnadu	1	1	105	60

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	62215	30410	33225	24044	18786
<b>Value (Rs. '000)</b>	50917	32159	40788	41930	34905

E) <b>Closing Stock</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)	950	6911	5157	2539	2342

F) **Employment** :

<b>No. of Persons Employed per Day</b>	568	547
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.40	0.42

(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Five Principal Lime Shell Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Vembanad Lake 75-H Muhamma	Vill. Muhamma, Distt. Kottayam, Kerala.	Travancore Cement Ltd, (Govt. of Kerala U/T), Nattakom, Kottayam, Kerala.
Vembanadu Lake	Vill. Vaikom, Distt. Kottayam Kerala	The Vaikom Limeshell Co-Operative Society Ltd, No. 3145, P.O. Pallippurathussery, Vaikom – 686 606, Distt. Kottayam, Kerala.
Mannancherry 4.9-H	Vill. Mannancherry, Distt. Alappuzha, Kerala.	Muhamma Clam Marketing Society Ltd, Vill. Thanneermukom South, Taluk: Cherthala, Distt. Alappuzha, Kerala – 688 525.
Kumarakom	Vill. Kumarakom Distt. Kottayam, Kerala.	Vaikom Taluk White Limeshell Co-op. Society, Vill. Vechoor, PO: Ambika Market, Tal: Vaikom, Distt. Kottayam, Kerala – 686 144.
Thanneermukom South	Vill. Thanneermukom South Distt. Alappuzha, Kerala.	Karappuram White Limeshell Vyavasaya Co.op. Society, Vill. Thanneermukom South, Taluka: Cherthala, Distt. Alappuzha, Kerala – 688 525.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	18726
<b>Percentage Share to All-India Production</b>	99.7

## LIMESTONE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (million tonnes)	14926	170009	184935
<b>Life Index</b> (Years) (Includes Lime kankar & Lime shell)			Very Large
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 2013		<b>Lease Area</b> 155452.96

C) **Mines Reporting production** :

	No. of mines		Production ( in Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>778(4)</b>	<b>717(3)</b>	<b>285030</b>	<b>278725</b>
<b>Public Sector</b>	24	23	11053	11613
<b>Private Sector</b>	754(4)	694(3)	273977	267112
<b>Captive</b>	336	334	250894	245932
<b>Non-Captive</b>	442(4)	383(3)	34136	32793
<b>“A” Category</b>	202	204	223110	218205
<b>“B” Category</b>	576(4)	513(3)	61920	60520
<b>STATES</b>				
Andhra Pradesh	114(3)	101(2)	63438	59354
Chhattisgarh	53	57	20172	21061
Gujarat	119	112	26071	23279
Himachal Pradesh	20	21	13104	11576
Karnataka	64	55	21132	21470
Madhya Pradesh	126	94	35536	36917
Maharashtra	14	18	11924	10877
Meghalaya	14	14	4032	3599
Odisha	9(1)	6(1)	3912	3827
Rajasthan	26	25	52540	56328
Tamil Nadu	197	195	26442	23963
Others	22	19	6727	6474
<b>GRADES</b>				
Cement			276328	270622
Iron & steel			4234	5590
Chemical			4468	2513

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	232950	246336	262883	285030	278725
<b>Value</b> ( Rs. '000 )	32477596	36349567	40855420	47973173	46899573

E) <b>Closing Stock</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	12372	11843	13210	12983	12495

F) <b>Employment</b>	<b>No. of Persons Employed per Day</b>	22615	21133
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		15.84	16.08

(p): Provisional

( ): Figures in parentheses indicate number of associated mines with dolomite and shale.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)	160733	191960	191960	226568	228895

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity</b> (Th. tonnes)	2406	1035	2691	2992	2779
<b>Value</b> (Rs. crore)	153.77	68.38	253.79	269.93	343.23
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	++	0.1	0.2	0.2
<b>Imports</b>					
<b>Quantity</b> (Th. tonnes)	3899	5036	8557	11139	13214
<b>Value</b> (Rs. crore)	619.18	704.33	1189.05	1667.22	2158.04
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.1	0.1	0.1	0.2	0.2

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>Bangladesh</b>	<b>UK</b>	<b>Bhutan</b>	<b>USA</b>	<b>Belgium</b>	<b>Others</b>
<b>Quantity</b> (Th. tonnes)	2669	28	35	2	6	39
<b>Value</b> (Rs. crore)	251.27	27.13	13.13	7.68	6.4	37.62
<b>Imports</b>	<b>UAE</b>	<b>Oman</b>	<b>Malaysia</b>	<b>Vietnam</b>	<b>Thailand</b>	<b>Others</b>
<b>Quantity</b> (Th. tonnes)	9643	2300	479	206	245	341
<b>Value</b> (Rs. crore)	1382.39	318.52	205.38	127.07	49.18	75.5

**J) Five Principal Limestone Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Nimbetti	Vill. Nimbetti Distt. Pali Rajasthan	Shree Cement Limited, Post Box No. 33, Bangur Nagar, Beawar- 305 901, Ajmer, Rajasthan.
Rajashree	Vill. Adityanagar Distt. Gulbarga Karnataka	Ultra Tech Cement Ltd, 'B' Wing, Ahura Centre, 2 <sup>nd</sup> floor, Mahakali Caves Rd., Andheri (E), Mumbai - 400 093.
Amlī	Vill. Amlī and Malap Distt. Sirohi Rajasthan	Binani Cement Ltd, 37/2, Chinar Park, Rajarhat New Town Road, P.O. Hatiara, Kolkata - 700 157.
Laxmi Cement	Vill. Basantgarh Distt. Sirohi Rajasthan	JK Lakshmi Cement Ltd, Jaykaypuram, Basantgarh Pindwara Sirohi, Rajasthan - 307 019.
Tummalapenta	Vill. Tummalapenta Distt. Kurnool Andhra Pradesh	Ultra Tech Cement Ltd., 'B' Wing, Ahura Centre, 2 <sup>nd</sup> floor, Mahakali Caves Rd., Andheri (E), Mumbai - 400 093.

**K) Contribution of above mines in 2013-14**

<b>Quantity</b> (Th. tonnes)	36914
<b>Percentage share to all India production</b>	13

## MAGNESITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013(p)</b> (Th. tonnes)	20782	307339	328121
<b>Life Index (Years)</b>	:		Very Large

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:	<b>No. of Leases</b> 32	<b>Lease Area</b> 1923.81
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>15</b>	<b>14</b>	<b>224</b>	<b>195</b>
<b>Public Sector</b>	4	4	158	122
<b>Private Sector</b>	11	10	66	73
<b>Captive</b>	3	3	157	124
<b>Non-captive</b>	12	11	67	71
<b>'A' Category</b>	6	5	189	151
<b>'B' Category</b>	9	9	35	44
<b>STATES</b>				
Karnataka	3	3	12	6
Tamil Nadu	10	9	160	145
Uttarakhand	2	2	52	44

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	301	236	224	224	195
<b>Value (Rs. '000)</b>	435118	378217	354977	459178	397612

E) <b>Closing Stock:</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	88	75	62	60	63

F) **Employment** :

<b>No. of Persons Employed per Day</b>	964	800
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.68	0.61

(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)	321	238	584	530	490

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	10595	11052	13369	9503	6118
<b>Value (Rs. crore)</b>	14.17	20.39	17.51	14.87	12.75
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	66118	54929	72475	79080	66001
<b>Value (Rs. crore)</b>	205.39	159.03	227.94	277	221.69
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>UAE</b>	<b>Baharain Is</b>	<b>Thailand</b>	<b>Singapore</b>	<b>Malaysia</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	1168	987	330	281	1465	1887
<b>Value (Rs. crore)</b>	2.3	2.2	1.67	0.97	0.87	4.74
<b>Imports</b>	<b>China P Rp</b>	<b>Australia</b>	<b>Ireland</b>	<b>Japan</b>	<b>Netherlands</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	26844	8857	6380	3764	3033	17123
<b>Value (Rs. crore)</b>	70.29	36.42	31.39	22.77	14.6	46.22

**J) Five Principal Magnesite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Arasu	Vill. Thathiengarpatti Distt. Salem Tamil Nadu	Tamil Nadu Magnesite Ltd, 5/53, Omalur Main Road, Jagirammalayam, Distt. Salem – 636 302, Tamil Nadu.
Jhiroli	Vill. Jhiroli Distt. Bageshwar Uttarakhand	Almora Magnesite Ltd, Village Matela, P.O. Billori, Distt. Bageshwar – 263 630, Uttarakhand.
Sri Ponguru	Vill. Jagir Ammapalayam Distt. Salem Tamil Nadu	S. Sundararajan. Gorimedu Periagolapatti, Post- Kannankurchi, Salem – 636 008, Tamil Nadu.
Dundu	Vill. Dundu Distt. Pithoragarh Uttarakhand	N.B. Minerals Corporation, Opp. Bhatt Colony, Nawabi Road, Haldwani, Distt: Nainital – 263 139, Uttarakhand.
Universal	Vill. kondappanaickenpatti Distt. Salem Tamil Nadu	G. Raj kumar, B-1, 1 <sup>st</sup> Floor, K. M. Enclave, Palaniappa Nagar, Hasthampatti, Distt. Salem – 636 007, Tamil Nadu.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	171
<b>Percentage Share to All-India Production</b>	88



## MANGANESE ORE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	141977	288003	429980
<b>Life Index (Years)</b>	:		102
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:	<b>No. of Leases</b> 323	<b>Lease Area</b> 21745.52
C) <b>Mines Reporting Production</b>	:		

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>172(12)</b>	<b>153(9)</b>	<b>2342</b>	<b>2588</b>
<b>Public Sector</b>	23	22	1151	1146
<b>Private Sector</b>	149(12)	131(9)	1191	1442
<b>Captive</b>	9(1)	9(1)	320	359
<b>Non-captive</b>	163(11)	144(8)	2022	2229
<b>'A' Category</b>	28(3)	29(3)	1803	1987
<b>'B' Category</b>	144(9)	124(6)	539	601
<b>STATES</b>				
Andhra Pradesh	42	33	367	344
Karnataka	14	11	40	138
Madhya Pradesh	46(5)	44(4)	715	772
Maharashtra	18	21	683	664
Odisha	39(6)	35(4)	528	660
Others	13(1)	9(1)	9	10
<b>GRADES</b>				
MnO <sub>2</sub>			46	36
Above 46% Mn			274	274
35-46% Mn			525	498
25-35% Mn			1254	1467
Below 25% Mn			243	313

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	2492	3056	2412	2342	2588
<b>Value (Rs. '000)</b>	11905233	14684000	11777000	12836200	14985417

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		625	859	963	845	704
F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>					15550	14396
<b>Percentage Share of Employment to Total for MCDR Minerals</b>					10.89	10.95

Figures in parentheses indicate additional mines associated with iron ore, quartz, laterite and limestone.  
(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)	2626	2928	3374	4006	4177

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity</b> (Th. tonnes)	289	99	75	72	66
<b>Value</b> (Rs. crore)	116.7	80.32	44.23	26.96	18.93
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	++	++	++	++
<b>Imports</b>					
<b>Quantity</b> (Th. tonnes)	798	1300	1961	2327	2179
<b>Value</b> (Rs. crore)	747.09	1781.35	2063.27	2562.24	2830.63
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.1	0.3	0.2	0.2	0.2

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>China P Rp</b>	<b>Philippines</b>	<b>Nepal</b>	<b>Others</b>		
<b>Quantity</b> (Th. tonnes)	66	++	++	....		
<b>Value</b> (Rs. crore)	18.82	0.11	++	....		
<b>Imports</b>	<b>South Africa</b>	<b>Australia</b>	<b>Gabon</b>	<b>Ivory Coast</b>	<b>Brazil</b>	<b>Others</b>
<b>Quantity</b> (Th. tonnes)	1315	500	232	32	24	76
<b>Value</b> (Rs. crore)	1509.46	788.92	343.15	45.33	32.56	111.21

**J) Five Principal Manganese Ore Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Balaghat	Vill. Bharweli Distt. Balaghat Madhya Pradesh	MOIL Ltd, Moil Bhavan, 1 A – Katol Road, Chhaoni, Nagpur – 440 013, Maharashtra.
Dongribuzurg	Vill. Balapur Hameshai Distt. Bhandara Maharashtra	MOIL Ltd, Moil Bhavan, 1 A – Katol Road, Chhaoni, Nagpur – 440 013, Maharashtra.
Chikla	Vill. Sitasongi Distt. Bhandara Maharashtra	MOIL Ltd, Moil Bhavan, 1 A – Katol Road, Chhaoni, Nagpur – 440 013, Maharashtra.
Patmunda	Vill. Patmunda Distt. Sundergarh Odisha	Orissa Manganese & Minerals Ltd, 2/1, Sarat Bose Road , 6 <sup>th</sup> Floor, Lansdown Tower, Kolkata – 700 020.
Joda West	Vill. Bichakundi Distt. Keonjhar Odisha	Tata Steel Ltd, Bombay House, 24, Homi Modi Street Fort, Mumbai – 400 001, Maharashtra.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity</b> (Th. tonnes)	1015
<b>Percentage Share to All-India Production</b>	39

## MARL

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	139976	11705	151681
<b>Life Index (Years)</b>			34
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b>		<b>Lease Area</b>
	2		9.15

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	(7)	(7)	4337	3254
<b>Private Sector</b>	(7)	(7)	4337	3254
<b>Captive</b>	(7)	(7)	4337	3254
<b>'A' Category</b>	(6)	(6)	4240	3217
<b>'B' Category</b>	(1)	(1)	97	37
<b>STATES</b>				
Gujarat	(6)	(6)	4240	3217
Tamil Nadu	(1)	(1)	97	37

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> ( Th. tonnes)	5908	4399	4141	4337	3254
<b>Value</b> ( Rs. '000 )	381599	307556	272904	269366	264834

E) <b>Closing Stock:</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	570	415	402	1133	1263

F) **Employment** :

<b>No. of Persons Employed per Day*</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

Figures in parentheses indicate mines associated with limestone.

(p): Provisional.

\* : Associated with limestone.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Five Principal Marl Mines in 2013-14:**

<b>Name</b>	<b>Location of Mine</b>	<b>Name &amp; address of Mine owner</b>
Kovaya *	Vill. Kovaya Distt. Amreli Gujarat	Ultratech Cement Ltd, 'B' Wing, 2 <sup>nd</sup> floor, Ahura Center, Mahakali Caves Road, Andheri (E), Mumbai – 400 093.
Galm*	Vill. Vadnagar District- Junagadh Gujarat	Ambuja Cements Limited, P.O. Ambujanagar – 362 715, Tal. Kodinar, Distt. Junagadh, Gujarat.
Sidhee *	Vill. Prashnavada-Morasa Distt. Junagadh Gujarat	Gujarat Sidhee Cement Ltd, N.K. Mehta International House, 178- Backbay, Reclamation, Mumbai – 400 020.
Narmada *	Vill. Babarkot Distt. Amreli Gujarat	Ultratech Cement Ltd, 'B' Wing, 2 <sup>nd</sup> floor, Ahura Center, Mahakali, Caves Road, Andheri (E), Mumbai – 400 093.
Adityana *	Vill. Adityana Distt. Porbandar Gujarat	Saurashtra Cement Ltd., Ranavav-2, 53, Jupiter Apartment, Kufe Pared, Mumbai – 400 005.

**K) Contribution of above mines in 2013-14**

<b>Quantity (Th. tonnes)</b>	3097
<b>Percentage share to all India production</b>	95

\* Associated with limestone.

# MICA

<b>Items</b>		<b>Reserves</b>	<b>Remaining Resources</b>	<b>Total</b>
A) <b>Total Resources 1-4-2010</b> (Tonnes)	:	190741	341496	532237
<b>Life Index</b> (Years)	:			287
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:		<b>No. of Leases</b> 264	<b>Lease Area</b> 5613.52
C) <b>Mines Reporting Production</b>	:			

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>36(29)</b>	<b>38(18)</b>		
Crude			<b>1256</b>	<b>1610</b>
Waste & Scrap			<b>16255</b>	<b>17545</b>
<b>Private Sector</b>	36(29)	38(18)		
Crude			1256	1610
Waste & Scrap			16255	17545
<b>Non-captive</b>	36(29)	38(18)		
Crude			1256	1610
Waste & Scrap			16255	17545
<b>'A' Category</b>	2	2		
Crude			301	634
Waste & Scrap			354	1063
<b>'B' Category</b>	34(29)	36(18)		
Crude			955	976
Waste & Scrap			15901	16482
<b>STATES</b>				
<b>Andhra Pradesh</b>	31(4)	32(2)		
Crude			1177	1610
Waste & Scrap			7415	7609
<b>Bihar</b>	1	1		
Crude			-	-
Waste & Scrap			2939	3267
<b>Jharkhand</b>	(2)	(1)		
Crude			-	-
Waste & Scrap			782	1997
<b>Rajasthan</b>	4(23)	5(15)		
Crude			79	-
Waste & Scrap			5119	4672

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (tonnes)					
Crude	1061	1333	1899	1256	1610
Waste & Scrap	8098	7311	14186	16255	17545
<b>Value</b> (Rs. '000)					
Crude	39940	44505	68670	39963	46226

E) <b>Closing Stock</b>		<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
<b>Quantity</b> (Crude) (tonnes)	:	245	425	478	234	587
F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>					451	440
<b>Percentage Share of Employment to Total for MCDR Minerals</b>					0.32	0.33

(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	94216	126554	131777	127610	127882
<b>Value (Rs. crore)</b>	162.05	225.87	288.71	346.01	375.98
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	0.1	0.2	0.2	0.2
<b>Imports</b>					
<b>Quantity (tonnes)</b>	1661	1687	2458	2285	2049
<b>Value (Rs. crore)</b>	42.27	41.15	59.98	55.71	56.35
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>China P Rp</b>	<b>Japan</b>	<b>USA</b>	<b>Netherlands</b>	<b>France</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	79392	6264	3600	4452	2149	32025
<b>Value (Rs. crore)</b>	188.9	40.02	22.04	16.27	12.8	95.95
<b>Imports</b>	<b>China P Rp</b>	<b>Austria</b>	<b>Switzerland</b>	<b>Malaysia</b>	<b>Japan</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	1004	149	89	73	17	717
<b>Value (Rs. crore)</b>	21.08	15.26	8.38	2.67	0.58	8.38

**J) Five Principal Mica Mines in 2013-14 :**

<b>Name Of Mine</b>	<b>Location Of Mine</b>	<b>Address Of Mine Owner</b>
Mahanth	Vill. Kalichedu , Distt.Nellore Andhra Pradesh	Mahanta Mica Mines, Smt. C. Leenaja Reddy, Managing Partner D. No. 8, Plot No. 7, 1 <sup>st</sup> Main Road, Kasturbha Nagar, Adyar, Chennai – 600 020, Tamil Nadu.
Sri Rajeshwari	Vill. Talupur Distt. Nellore Andhra Pradesh	Dwarakanad M. Reddy & 7 Others 1-C,Vaibhav Enclave, Magunta Layout , Distt. Nellore – 524 003, Andhra Pradesh.
Yasodha Krishna mica mine	Vill. Talupur Distt. Nellore Andhra Pradesh	Yasodha Krishna Mica Mining Co. S. No.63/2,64/1A,82/2,81/2A, Talupur Village, Sydapuram – 524 409, Distt. Nellore, Andhra Pradesh.
Seetharama mica mine(53.61H)	Vill. Thurimerla Distt. Nellore Andhra Pradesh	Seetharama Mining Co., 86, Sydapuram, Post. Kalichedu – 524 409, Distt. Nellore, Andhra Pradesh.
Sri Lakshmil Sai Durga Mica Mine	Vill. Jabalapuram Distt. Nellore Andhra Pradesh	Sri Lakshmil Sai Durga Mining Co., Vill. Jabalapuram, Post: Chaganam, Mandal: Sydapuram – 524 407, Distt. Nellore, Andhra Pradesh.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Crude) (tonnes)</b>	1278
<b>Percentage Share to All-India Production</b>	79

## MOULDING SAND

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013</b> (Th. tonnes)	N.E.	N.E.	N.E.
<b>Life Index (Years)</b>			N.E.
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)		<b>No. of Leases</b> 40	<b>Lease Area</b> 904.18

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	3	5	3118	29961
<b>Private Sector</b>	3	5	3118	29961
<b>Non-Captive</b>	3	5	3118	29961
<b>'B' Category</b>	3	5	3118	29961
<b>STATES</b>				
Chhattisgarh	1	3	2613	29321
Gujarat	1	1	200	150
West Bengal	1	1	305	490

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	-	-	30	3118	29961
<b>Value (Rs. '000)</b>	-	-	5	564	3525

E) <b>Closing Stock:</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)	-	-	47	252	2740

F) **Employment** :

<b>No. of Persons Employed per Day</b>	22	35
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.02	0.03

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(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	66000	47500	47500	47500

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Moulding Sand Mines in 2013-14:**

<b>Name</b>	<b>Location of Mine</b>	<b>Name &amp; address of Mine owner</b>
Thanaud	Vill. Thanaud, Distt. Durg, Chhattisgarh.	Deepak Kumar Gupta, 97-A, Plot 10,11, Nehru Nagar(East), Bhilai, Durg – 490 020, Chhattisgarh.
Karhidih	Vill. Karhidih, Distt. Durg Chhattisgarh.	Marendra Kumar Seksaria, 271, Ramdev Mandir, Ward 35, Ganjpara Durg – 491 001, Chhattisgarh.
Kuilapur	Vill. Kuilapur, Distt. Burdwan, West Bengal.	Smt. Sabitri Majee, Vill. Kuilapur, PO: Surjanagar, Distt. Burdwan – 713 361, West Bengal.
Malanka	Vill. Malanka, Distt. Bhavnagar, Gujarat.	Ratilal D. Patel, Topnaka, Bunder Road, Bhavnagar – 364 001, Gujarat.
Bakal	Vill. Bakal, Distt. Rajnandgaon, Chhattisgarh.	Smt. Archana Das, 44, Vardhman Nagar, Jain School Road, Rajnandgaon – 491 441, Chhattisgarh.

**K) Contribution of above mines in 2013-14**

<b>Quantity (tonnes)</b>	29961
<b>Percentage share to all India production</b>	100



## OCHRE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	54942	89319	144261
<b>Life Index</b> (Years)	:		70
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:	<b>No. of Leases</b> 168	<b>Lease Area</b> 3290.09

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>39(13)</b>	<b>38(15)</b>	<b>1834</b>	<b>1555</b>
<b>Private Sector</b>	39(13)	38(15)	1834	1555
<b>Captive</b>	-	-	-	-
<b>Non-captive</b>	39(13)	38(15)	1834	1555
<b>'A' Category</b>	(1)	(1)	449	447
<b>'B' Category</b>	39(12)	38(14)	1385	1108
<b>STATES</b>				
Andhra Pradesh	12	13	98	112
Gujarat	2	1	5	5
Madhya Pradesh	12(2)	10(4)	55	72
Rajasthan	13(11)	14(11)	1676	1366

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	1258	1218	1576	1834	1555
<b>Value</b> (Rs. '000)	226881	240374	276937	582998	482810

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		163	191	398	441	573

F) **Employment** :

<b>No. of Persons Employed per Day</b>	509	384
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.36	0.29

( ) Figures in paranthesis indicate additional mines associated with bauxite, iron ore, kaolin and laterite.

(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)	297	383	734	976	1100

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	8661	9275	7741	8378	3550
<b>Value (Rs. crore)</b>	10.2	11.55	12.64	10.43	7.28
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	2378	1324	1359	1223	282
<b>Value (Rs. crore)</b>	12.35	14.10	6.63	6.18	3.04
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>Philippines</b>	<b>S. Arabia</b>	<b>Nepal</b>	<b>USA</b>	<b>Thailand</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	868	669	87	73	151	1702
<b>Value (Rs. crore)</b>	1.31	1.26	0.42	0.37	0.36	3.56
<b>Imports</b>	<b>China P Rp</b>	<b>USA</b>	<b>Ger. F. Rp</b>	<b>Belgium</b>	<b>Indonesia</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	131	136	9	...	...	6
<b>Value (Rs. crore)</b>	1.38	0.95	0.39	0.03	...	0.29

**J) Five Principal Ochre Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Banesti II*	Vill. Banesti Distt. Chittorgarh Rajasthan	Mohd. Sher Khan, S/o Gulbaz Khan, Khwaja Bagh, P.O. Sawa – 312 613, Distt. Chittorgarh, Rajasthan.
Banesti IV*	Vill. Banesti Distt. Chittorgarh Rajasthan	Mohd. Saeed Khan, S/o Mohd. Sher Khan, At & P.O. Sawa – 312 613, Distt. Chittorgarh, Rajasthan.
Pagara*	Vill. Pagara Distt. Chittorgarh Rajasthan	Sajid Ali Naiabadi, Kanoj Road , Sawa – 312 613, Distt. Chittorgarh, Rajasthan.
Sehnwa	Vill. Sehnwa Distt. Chittorgarh Rajasthan	Indramal Darji, Sawa, P.O. Sawa – 312 613, Distt. Chittorgarh, Rajasthan.
Dev Khera	Vill. DevKhera Distt. Chittorgarh Rajasthan	Mohd. Rashid sheikh , Kajodepura/Sawa, P.O. Sawa– 312 613, Distt. Chittorgarh, Rajasthan.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	862
<b>Percentage Share to All-India Production</b>	55

\*Associated with Kaolin/China clay.

## PERLITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	428	1978	2406

**Life Index (Years)** : N.E.

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 1	<b>Lease Area</b> 144.88
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C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	-	-	-	-
<b>Private Sector</b>	-	-	-	-
<b>Non-captive</b>	-	-	-	-
<b>'B' Category</b>	-	-	-	-
<b>STATE</b>				
Gujarat	-	-	-	-

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	-	-	-	-	
<b>Value (Rs. '000)</b>	-	-	-	-	

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		NA	NA	NA	NA	NA

F) **Employment** :

<b>No. of Persons Employed per Day</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

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(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(P)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Perlite Mines in 2013-14:** Nil

**K) Contribution of above mine in 2013-14:**

<b>Quantity (tonnes)</b>	-
<b>Percentage Share to All-India Production</b>	-

## PHOSPHORITE/ROCK PHOSPHATE

**A) Total Resources 1-4-2013(p)** : Reserves 65392 Remaining Resources 249120 Total 314512  
(Th. tonnes)

**Life Index (Years)** : 93

**B) Mining Leases as on 31-3-2013** : No. of Leases 15 Lease Area 2831.78  
(Area in Hectares)

**C) Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	5	3	1941	1384
<b>Public Sector</b>	4	2	1761	1204
<b>Private Sector</b>	1	1	180	180
<b>Captive</b>	1	1	180	180
<b>Non Captive</b>	4	2	1761	1204
<b>'A' Category</b>	3	3	1827	1384
<b>'B' Category</b>	2	-	114	-
<b>STATES</b>				
Madhya Pradesh	3	1	248	131
Rajasthan	2	2	1693	1253
<b>GRADES</b>				
30-35% P <sub>2</sub> O <sub>5</sub>			714	448
25-30% P <sub>2</sub> O <sub>5</sub>			80	116
20-25% P <sub>2</sub> O <sub>5</sub>			76	64
15-20% P <sub>2</sub> O <sub>5</sub>			1071	756

**D) Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	1605	2097	2260	1941	1384
<b>Value (Rs. '000)</b>	3103095	5014699	7496300	6807233	4389012

**E) Closing Stock** : **2009-10** **2010-11** **2011-12** **2012-13** **2013-14<sup>(p)</sup>**  
Quantity (Th. tonnes) 449 705 1052 1525 1805

**F) Employment** :  
**No. of Persons Employed per Day** 1163 1285

**Percentage Share of Employment to Total for MCDR Minerals** 0.81 0.98

(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes) (Apatite & Rock Phosphate)		3352	3146	3553	4380	4221

**H) Exports/Imports Trend :**

Exports (Rock Phosphate)	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Quantity</b> (tonnes)	924	712	248	21309	948
<b>Value</b> (Rs. crore)	1.01	0.50	0.58	2.45	0.70
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports (Rock Phosphate)					
<b>Quantity</b> (Th. tonnes)	5684	5194	9730	8161	7161
<b>Value</b> (Rs. crore)	3275.02	3211.03	8314.99	7309.82	5517.79
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.6	0.5	0.9	0.7	0.5

**I) Exports/Imports by Country in 2013-14 :**

Exports (Rock Phosphate)	UAE	China P Rp	Congo D. Rp	Nepal	Iraq	Others
Quantity (tonnes)	308	200	20	23	29	368
Value (Rs. crore)	0.21	0.19	0.08	0.08	0.04	0.1
Imports (Rock Phosphate)	Jordan	Egypt A Rp	Morocco	Togo	Peru	Others
Quantity (Th. tonnes)	2655	1461	962	728	889	466
Value (Rs. crore)	2103.62	942.21	804.18	682.42	599.96	385.4

**J) Principal Phosphorite Mines in 2013-14 :**

Name of Mine	Location of Mine	Address of Mine Owner
Jhamarkotra	Vill. Jhamarkotra Distt. Udaipur Rajasthan	Rajasthan State Mines & Minerals Ltd, C – 89/90, Janpath, Lal Kothi Scheme, Jaipur – 302 004, Rajasthan.
Maton	Vill. Maton Distt. Udaipur Rajasthan	Hindusthan Zinc Ltd, Yashad Bhawan, Distt. Udaipur – 313 004, Rajasthan.
Jhabua	Vill. Kachaldara Distt. Jhabua Madhya Pradesh	M. P. State Mining Corpn. Ltd, Block A, 2 <sup>nd</sup> Floor, Paryawas Bhawan, Jail Road, Arera Hills, Bhopal – 462 011, Madhya Pradesh.

**K) Contribution of above Mines in 2013-14**

<b>Quantity</b> (Th. tonnes)	1384
<b>Percentage Share to All-India Production</b>	100

## PYRITES

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (million tonnes)	-	1674	1674

**Life Index (Years)** : N.E.

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	No. of Leases	Lease Area
	N.A	N.A

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	-	-	-	-
<b>Public Sector</b>	-	-	-	-
<b>Captive</b>	-	-	-	-
<b>'A' Category</b>	-	-	-	-
<b>STATE</b>				
Bihar	-	-	-	-

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. '000)</b>	-	-	-	-	-

E) **Closing Stock** : 2009-10 2010-11 2011-12 2012-13 2013-14<sup>(p)</sup>  
Quantity (tonnes) - - - - -

F) **Employment** :

**No. of Persons Employed per Day** - -  
**Percentage Share of Employment to Total for MCDR Minerals** - -

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(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Pyrites Mines in 2013-14:** Nil

**K) Contribution of above Mine in 2013-14:**

<b>Quantity (tonnes)</b>	-
<b>Percentage Share to All-India Production</b>	-



## PYROPHYLLITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	23276	32807	56083
<b>Life Index (Years)</b>			192
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)		<b>No. of Leases</b> 94	<b>Lease Area</b> 1299.25
C) <b>Mines Reporting Production</b>			

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>35(3)</b>	<b>37(4)</b>	<b>247968</b>	<b>208454</b>
<b>Public sector</b>	(1)	1(2)	604	2970
<b>Private Sector</b>	35(2)	36(2)	247364	205484
<b>Captive</b>	7	7	53785	49880
<b>Non- Captive</b>	28(3)	30(4)	194183	158574
<b>'A' Category</b>	(1)	(1)	604	1020
<b>'B' Category</b>	35(2)	37(3)	247364	207434
<b>STATES</b>				
Andhra Pradesh	1	2	176	1675
Madhya Pradesh	19	20	207768	167907
Maharashtra	(2)	(4)	714	1596
Orissa	-	2	-	10066
Rajasthan	1(1)	1	7697	939
Uttar Pradesh	14	12	31613	26271

### D) Production Trend:

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	240747	240082	255891	247968	208454
<b>Value (Rs. '000)</b>	60425	83123	139510	156004	151089

E) <b>Closing Stock:</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)	119795	81014	95366	106844	114558

### F) Employment:

<b>No. of Persons Employment per Day</b>	1610	1172
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	1.13	0.89

(p): Provisional

( ): Figures in parentheses indicate number of associated mines with kyanite, sillimanite and steatite.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	7200	7400	8400	12600	13300

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Five Principal Pyrophyllite Mines in 2013-14:**

<b>Name of Mines</b>	<b>Location of Mines</b>	<b>Address of Mines Owner</b>
Patan	Vill. Patan Distt.-Chhatarpur Madhya Pradesh	Khajuraho Minerals, Post Box No. 25, Chhatarpur – 471001, Madhya Pradesh.
Sarkana	Vill. Sarkana Distt. Chhatarpur Madhya Pradesh	Jindutt Minerals (p) Ltd, Post Box No. 27, Chhatarpur– 471001, Madhya Pradesh.
Khera Majora	Vill. Khera Majora Distt. Chhatarpur Madhya Pradesh	Khajuraho Minerals, Post Box No. 25, Chhatarpur– 471001, Madhya Pradesh.
Khurai	Vill. Khurai Distt. Shivpuri Madhya Pradesh	The Ishwar Mining & Industrial Corpn. Pvt. Ltd, 7, Ishwar Nagar, Mathura Road, New Delhi – 110 065.
Khera-III	Vill. Khera Distt. Tikamgarh Madhya Pradesh	Eastern Minerals, 35, Vivekanand Marg, Cantonment, Jhansi – 284 001, Uttar Pradesh.

**K) Contribution of above Mines in 2013-14:**

<b>Quantity (tonnes)</b>	125852
<b>Percentage Share to All- India Production</b>	60

## PYROXENITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2013	N.A.	N.A.	N.A.
Life Index (Years)		(Included in Dunite)	

B) Mining Leases as on 31-3-2013	No. of Leases	Lease Area
(Area in Hectares)	11	95.39

C) Mines Reporting Production :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	4	2	58562	2985
<b>Private Sector</b>	4	2	58562	2985
<b>Non-captive</b>	4	2	58562	2985
<b>'B' Category</b>	4	2	58562	2985
<b>STATES</b>				
Jharkhand	4	2	58562	2985

D) Production Trend :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	279332	253205	86031	58562	2985
<b>Value (Rs. '000)</b>	152371	126179	33113	17980	806

E) Closing Stock	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (tonnes)	28767	19066	8214	9051	10094

F) Employment :

No. of Persons Employed per Day	200	29
Percentage Share of Employment to Total for MCDR Minerals	0.14	0.02

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(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Pyroxenite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Chandpur	Vill. Chandpur Distt. Singhbhum(East) Jharkhand	Shekhar Singh, 52, Khasmahal, Tatanagar – 831 002, Jharkhand.
Matku	Vill. Matku Distt. Singhbhum(East) Jharkhand	Pravat Kumar Aditya Deo, 605/39, Radha Colony, Khasmahal, Distt. Singhbhum (E) – 831 002, Jharkhand.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	2985
<b>Percentage Share to All-India Production</b>	100

# QUARTZ

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> :	429	3070	3499
Quartz & Silica Sand (million tonnes)			

**Life Index** (Years)(incl.d.silica sand) : 325

B) <b>Mining Leases as on 31-3-2013</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	2193	16506.59

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>308(141)</b>	<b>251(138)</b>	<b>1384155</b>	<b>1395452</b>
<b>Public Sector</b>	4(1)	2	14975	11677
<b>Private Sector</b>	304(140)	249(138)	1369180	1383775
<b>Captive</b>	3	2	8764	5618
<b>Non-captive</b>	305(141)	249(138)	1375391	1389834
<b>'A' Category</b>	1(1)	1	13650	6490
<b>'B' Category</b>	307(140)	250(138)	1370505	1388962
<b>STATES</b>				
Andhra Pradesh	126(36)	97(35)	893670	877036
Chhattisgarh	5	6	17009	14784
Gujarat	19	19	164462	139336
Jharkhand	11(4)	6(2)	42474	27244
Maharashtra	5	5	17475	14974
Rajasthan	65(98)	50(100)	173448	199801
Tamil Nadu	63(1)	55	21367	15756
West Bengal	3	3	30262	35521
Others	11(2)	10(1)	23988	71000

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	512	498	783	1384	1395
<b>Value</b> (Rs. '000)	94043	112108	173890	341129	345695

E) <b>Closing Stock</b> :	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	247	346	275	616	719

F) **Employment** :

<b>No. of Persons Employed per Day</b>	3113	2464
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	2.18	1.87

(p): Provisional

Figures in parentheses indicate number of associated mines with asbestos, felspar, laterite, mica, pyrophyllite and quartzite.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes) (Quartz and Silica Sand)	1458	1452	1561	1873	1945

**H) Exports/Imports Trend:**

<b>Exports (Quartz (Natural))</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (Th. tonnes)</b>	202	173	180	185	239
<b>Value (Rs. crore)</b>	83.12	93.40	120.08	111.65	139.45
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.1	0.1	0.1	0.1	0.1
<b>Imports (Quartz (Natural))</b>					
<b>Quantity (tonnes)</b>	486	412	506	730	337
<b>Value (Rs. crore)</b>	.078	0.62	0.87	1.18	0.83
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>Japan</b>	<b>Korea Rp</b>	<b>Bhutan</b>	<b>Vietnam</b>	<b>Bangladesh</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	18737	26261	46968	15662	35253	96049
<b>Value (Rs. crore)</b>	19.52	14.64	14.45	13.49	12.9	64.45
<b>Imports</b>	<b>Belgium</b>	<b>China P Rp</b>	<b>Thailand</b>	<b>USA</b>	<b>Sri Lanka</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	224	53	12	2	...	46
<b>Value (Rs. crore)</b>	0.46	0.05	0.04	++	...	0.28

**J) Five Principal Quartz Mines in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Hattibelagal	Vill. Hattibelagal Distt. Kurnool Andhra Pradesh	Veejee Mines & Minerals, 1-154, Hanaval(Post), Adoni – 518 344, Andhra Pradesh.
Otakal	Vill. Otakal Distt. Anantapur Andhra Pradesh	Adiboina Subbarayadu, 20/1/2, Kondapeta,Rajivnagar, Dhone, Kurnool – 518 222, Andhra Pradesh.
Kabra	Vill. Kabra Distt. Tonk Rajasthan	Bijendra Kumar Goyal, 35-36, Shiv Nagar, Murlipura, Jaipur – 302 013, Rajasthan.
Bahad	Vill. Bahad Distt. Tonk Rajasthan	Asha Lata Bairwa, R-3, Raghu Vihar, Lal Kothi, Gandhi Nagar, Jaipur – 302 015, Rajasthan.
Sri Venkateshwar Mining Corporation	Vill. Gudur Distt. Rangareddi Andhra Pradesh	Sri Venkateshwar Mining Corporation, Prop. Ravindra Goud, Narayanguda, Hyderabad – 500 020, Andhra Pradesh.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	434
<b>Percentage Share to All-India Production</b>	31

## QUARTZITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (million tonnes)	86	1165	1251
<b>Life Index (Years)</b>	:		Very Large
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:	<b>No. of Leases</b> 83	<b>Lease Area</b> 1456.78

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>34(9)</b>	<b>28(10)</b>	<b>501</b>	<b>530</b>
<b>Private Sector</b>	34(9)	28(10)	501	530
<b>Captive</b>	4	3	54	47
<b>Non-captive</b>	30(9)	25(10)	447	483
<b>'B' Category</b>	34(9)	28(10)	501	530
<b>STATES</b>				
Andhra Pradesh	18(4)	14(4)	222	361
Bihar	2(1)	1(1)	109	21
Chhattishgarh	6	6	43	32
Jharkhand	2	1	31	2
Maharashtra	(4)	(4)	55	58
Odisha	3	3(1)	27	32
Others	3	3	14	24

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	113	118	272	501	530
<b>Value (Rs. '000)</b>	37377	45750	139207	276777	301094

E) <b>Closing Stock</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	44	30	70	152	216

F) **Employment** :

<b>No. of Persons Employed per Day</b>	830	591
<b>Percentage Share of Employment to Total for MCDR Mineral</b>	0.58	0.45

(p) : Provisional

++ : Negligible

( ) : Figures in parentheses indicate associated mines.

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)		274	279	244	255	293

**H) Exports/Imports Trend :**

Exports (Quartzite (Natural))	2009-10	2010-11	2011-12	2012-13	2013-14
Quantity (Th. tonnes)	54	38	35	49	69
Value (Rs. crore)	26.15	28.58	31.31	49.15	83.88
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports (Quartzite (Natural))					
Quantity (tonnes)	337	84	72	922	40
Value (Rs. crore)	0.42	0.25	0.24	1.52	0.26
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

Exports	Japan	Vietnam	Malaysia	Israel	Italy	Others
Quantity (Th. tonnes)	10	11	5	6	6	31
Value (Rs. crore)	20.34	9.89	8.42	7.52	6.75	30.96
Imports	Italy	Ger. F. Rp	China P Rp	Bangladesh	Japan	Others
Quantity (tonnes)	34	4	1	...	....	1
Value (Rs. crore)	0.15	0.07	0.01	...	...	0.03

**J) Five Principal Quartzite Mines in 2013-14:**

Name of Mine	Location of Mine	Address of Mine Owner
Gottivalasa	Vill. Gottivalasa Distt. Vizianagaram Andhra Pradesh	Dinesh Das & Sons Mines & Steel (p) Ltd, Post: Bahalda , Bahalda Road, Distt: Mayurbhanj, Odisha.
Kalyanipeta	Vill. Kalyanipeta Distt. Srikakulam Andhra Pradesh	Dinesh Das & Sons Mines & Steel (p) Ltd, Post: Bahalda , Bahalda Road, Distt: Mayurbhanj, Odisha.
Relli	Vill. Relli Distt. Vizianagaram Andhra Pradesh	Dadi Ramana Chitti, 2-54, Old Pendurthy, Distt. Vishakapatnam – 531 173, Andhra Pradesh.
Satya Sai#	Vill. Bhimasingi Distt. Vizianagaram Andhra Pradesh	K. Subramanya Raju, Vill. Totlalpalli, Post: Alamanda, Distt. Vizianagaram, Andhra Pradesh.
M Ravi Valasa	Vill. M Ravi Valasa Distt. Vizianagaram Andhra Pradesh	Venkateswara Mines and Minerals, Vill. & Post. Balagudaba, Parvathipuram – 535 501, Distt. Vizianagaram, Andhra Pradesh

**K) Contribution of above Mines in 2013-14 :**

Quantity (Th. tonnes)	266
Percentage Share to All-India Production	50

# : Associated with Quartz.



# RUBY

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (kg)	236	5112	5348
<b>Life Index</b> (Years)			N.E.

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 6	<b>Lease Area</b> 130
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C) **Mines Reporting Production** :

	No. of Mines		Production (kg)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	----- No Production reported -----			
<b>Public Sector</b>	- do -			
<b>Non-Captive</b>	- do -			
<b>'B' Category</b>	- do -			
<b>STATE</b>				
Odisha	- do -			

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (kg)	-	-	-	-	-
<b>Value</b> (Rs. '000)	-	-	-	-	-

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (kg)		-	-	-	-	-

F) <b>Employment</b>	:					
<b>No. of Persons Employed per Day</b>				-	-	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				-	-	

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(p): Provisional

G) **Domestic Consumption Trend** : 2008-09 2009-10 2010-11 2011-12 2012-13<sup>(b)</sup>  
Quantity (kg) N.A. N.A. N.A. N.A. N.A.

H) **Exports/Imports Trend** :

Exports (Ruby & Sapphire Uncut)	2009-10	2010-11	2011-12	2012-13	2013-14
<b>Quantity</b> (tonnes)	**	1	1	33	7
<b>Value</b> (Rs. crore)	0.83	4.61	1.24	24.23	19.45
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
Imports (Ruby & Sapphire Uncut)					
<b>Quantity</b> (tonnes)	4	16	17	44	66
<b>Value</b> (Rs. crore)	31.33	37.13	92.33	174.24	242.85
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

I) **Exports/Imports by Country in 2013-14** :

Exports (Ruby & Sapphire Uncut)	UAE	Switzerland	USA	Germany	Israel	Others
<b>Quantity</b> (tonnes)	**	**	6	**	**	1
<b>Value</b> (Rs. crore)	16.05	1.08	0.56	0.44	0.42	0.9
Imports (Ruby & Sapphire Uncut)	Hong Kong	Zambia	Brazil	Thailand	Tanzania Rd	Others
<b>Quantity</b> (tonnes)	1	4	4	17	32	8
<b>Value</b> (Rs. crore)	62	44.98	35.16	34.29	4.63	61.79

J) **Ruby Mines in 2013-14** : Nil

K) **Contribution of above Mine in 2013-14:**

**Quantity** (kg) -  
**Percentage Share to All-India Production** -

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\*\* Quantity figures not given due to partial coverage. The corresponding value figures however have full coverage.

## SALT (Rock)

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	16026	-	16026

**Life Index (Years)** : Very Large

B) <b>Mining Leases as on 31-3-2013:</b> (Area in Hectares)	<b>No. of Leases</b> NA	<b>Lease Area</b> NA
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C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	-	-	-	-
<b>Public Sector</b>	-	-	-	-
<b>Non-captive</b>	-	-	-	-
<b>'B' Category</b>	-	-	-	-
<b>STATE</b>				
Himachal Pradesh	-	-	-	-

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	1836	1200	-	-	-
<b>Value (Rs. '000)</b>	4908	2971	-	-	-

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		72	-	-	-	-

F) **Employment** :

<b>No. of Persons Employed per Day</b>		-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		-	-

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(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend :**

<b>Exports (Salts (other than common salt))</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (Th. tonnes)</b>	1545	1855	2712	4598	4957
<b>Value (Rs. crore)</b>	195.5	207.59	259.84	528.22	656.29
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.2	0.1	0.1	0.3	0.3
<b>Imports (Salts (other than common salt))</b>					
<b>Quantity (tonnes)</b>	30838	34148	34208	40274	35591
<b>Value (Rs. crore)</b>	6.71	8.28	8.56	9.88	12.1
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>China P Rp</b>	<b>Japan</b>	<b>Korea Rp</b>	<b>Qatar</b>	<b>Bangladesh</b>	<b>Others</b>
<b>Quantity (Th. tonnes)</b>	2242	645	628	258	325	859
<b>Value (Rs. crore)</b>	285.51	91.55	84.86	40.44	35.87	118.06
<b>Imports</b>	<b>Pakistan</b>	<b>USA</b>	<b>Ger. F. Rp</b>	<b>China P Rep</b>	<b>Afghanistan</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	35244	85	84	30	...	148
<b>Value (Rs. crore)</b>	8.68	0.93	0.87	0.04	...	1.58

**J) Salt (Rock) Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
No production during the year.		

**K) Contribution of above Mines in 2013-14:**

<b>Quantity (tonnes)</b>	-
<b>Percentage Share to All-India Production</b>	-

## SAND (Others)

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2013	N.A.	N.A.	N.A.
Life Index (Years)			N.E.

B) Mining Leases as on 31-3-2013 (Area in Hectares)	No. of Leases 48	Lease Area 10026.07
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C) Mines Reporting Production :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>11(1)</b>	<b>16</b>	<b>2638</b>	<b>2553</b>
Public Sector	11	13	2625	2548
Private Sector	(1)	3	13	5
Captive	11(1)	16	2638	2553
'A' Category	(1)	-	13	-
'B' Category	11	16	2625	2553
<b>STATES</b>				
Andhra Pradesh	8	8	1874	2032
Madhya Pradesh	-	2	-	66
Maharashtra	3	3	751	450
Meghalaya	(1)	-	13	-
Rajasthan	-	3	-	5

D) Production Trend :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	2159	2057	2625	2638	2553
<b>Value</b> (Rs. '000)	101399	109682	162965	201821	253458

E) Closing Stock	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (Th. tonnes)	318	222	430	426	555

F) Employment :

No. of Persons Employed per Day	-	-
Percentage Share of Employment to Total for MCDR Minerals	-	-

(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Five Principal Sand (Others) Mines in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
R.K. 7 Incline	Vill. Ramraopet Distt. Adilabad Andhra Pradesh	The Singareni Collieries Co. Ltd, P.O. Kothagudem, Distt. Khammam– 507 101, Andhra Pradesh.
GDK No. 5 Incline	Vill. Mustyala Distt. Karimnagar Andhra Pradesh	The Singareni Collieries Co. Ltd, P.O. Kothagudem, Distt. Khammam– 507 101, Andhra Pradesh.
SRP- 3 &3A Incline	Vill. Teegalpahad Distt. Adilabad Andhra Pradesh	The Singareni Collieries Co. Ltd, P.O. Kothagudem, Distt. Khammam– 507 101, Andhra Pradesh.
Sasti Colliery	Vill. Kolgoan Dist. Chandrapur Maharashtra	Western Coal Fields Ltd, Coal Estate, Civil Lines, Nagpur – 440 001, Maharashtra.
GDK No. 2 Incline	Vill. Jangaon Distt. Karimnagar Andhra Pradesh	The Singareni Collieries Co. Ltd, P.O. Kothagudem, Distt. Khammam – 507 101, Andhra Pradesh.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	1774
<b>Percentage Share to All-India Production</b>	69

## SELENITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013</b>	:	(Covered under Gypsum)	
<b>Life Index (Years)</b>	:	(Covered under Gypsum)	

B) <b>Mining Leases as on 31-3-2013</b>	:	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)		(Covered under Gypsum)	

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14 <sup>(p)</sup>	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	3	2	7577	532
<b>Public Sector</b>	3	2	7577	532
<b>Non-captive</b>	3	2	7577	532
<b>'A' Category</b>	1	-	1337	-
<b>'B' Category</b>	2	2	6240	532
<b>STATE</b>				
Rajasthan	3	2	7577	532

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	14598	6736	13047	7577	532
<b>Value (Rs. '000)</b>	12408	5726	16105	10226	708

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		-	-	-	345	-

F) **Employment** :

<b>No. of Persons Employed per Day</b>	30	11
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.02	0.01

(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(D)</sup></b>
Quantity (tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend :**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	-
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Selenite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Lunkaransar	Vill. Lunkaransar Distt. Bikaner Rajasthan	M/s Rajasthan State Mines & Minerals Ltd, C-89-90 Janpath, Lal Kothi Scheme, Jaipur – 302 015, Rajasthan.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	532
<b>Percentage Share to All-India Production</b>	100



## SHALE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	15331	580	15911
<b>Life Index (Years)</b>	:		01
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	:	<b>No. of Leases</b> 45	<b>Lease Area</b> 566.22

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>8(26)</b>	<b>10(31)</b>	<b>3068</b>	<b>2991</b>
<b>Public Sector</b>	1	1	39	24
<b>Private Sector</b>	7(26)	9(31)	3029	2967
<b>Captive</b>	4(11)	3(11)	3014	2891
<b>Non Captive</b>	4(15)	7(20)	54	100
<b>'A' Category</b>	2(9)	2(9)	2805	2662
<b>'B' Category</b>	6(17)	8(22)	263	329
<b>STATES</b>				
Andhra Pradesh	6(15)	7(20)	143	158
Himachal Pradesh	(3)	(3)	1512	1430
Karnataka	(1)	(1)	546	670
Madhya Pradesh	2(5)	3(5)	520	452
Maharashtra	(2)	(2)	347	281

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2012-13 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	3034	3082	3440	3068	2991
<b>Value</b> (Rs. '000)	89288	103993	139066	165924	162793

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)		89	64	69	71	85

F) **Employment** :

<b>No. of Persons Employed per Day</b>	:	32	52
<b>Percentage Share of Employment to Total for MCDR Minerals</b>		0.02	0.04

(p): Provisional

Figures in parentheses indicate number of associated mines with Clay (Others), dolomite, limestone, ochre and steatite.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	-	-	-	-
<b>Imports</b>					
<b>Quantity (tonnes)</b>	-	-	-	-	-
<b>Value (Rs. crore)</b>	-	-	-	-	-
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	-	-	-	-

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-
<b>Imports</b>	
<b>Quantity (tonnes)</b>	-
<b>Value (Rs. crore)</b>	-

**J) Five Principal Shale Mines\* in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Wadi-1*	Vill. Wadi, Distt. Gulbarga, Karnataka	ACC Ltd, Cement House, 121, Maharshi Karve Road, Churchgate, Mumbai – 400 020.
Kashlog*	Vill. Kashlog Distt. Solan, Himachal Pradesh	Ambuja Cement Ltd, Elegant Business Park, MIDC Cross Road B Off Andheri Kurla Road, Andheri East, Mumbai – 400 059.
Gagal*	Vill. Barmana, Distt. Bilaspur, Himachal Pradesh	ACC Ltd, Cement House, 121, Maharshi Karve Road, Churchgate, Mumbai – 400 020.
Baga-Bhalag*	Vill. Darla-More, Distt. Solan, Himachal Pradesh	Jaiprakash Associates Limited Sector-128, Noida – 201 304, Uttar Pradesh.
Govari*	Vill. Govari Distt. Yeotmal Maharashtra	ACC Ltd, Cement House, 121, Maharshi Karve Road, Churchgate, Mumbai – 400 020.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	2347
<b>Percentage Share to All-India Production</b>	78

\*Associated with limestone.

## SILICA SAND

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> :	429	3070	3499
Silica Sand & Quartz (million tonnes)			
<b>Life Index</b> (Years) (incl. Quartz) :			325
B) <b>Mining Leases as on 31-3-2013</b> :	<b>No. of Leases</b>		<b>Lease Area</b>
(Area in Hectares)	475		14494.11

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>170(9)</b>	<b>136(8)</b>	<b>4304</b>	<b>3346</b>
<b>Public Sector</b>	6	5	128	46
<b>Private Sector</b>	164(9)	131(8)	4176	3300
<b>Captive</b>	8	7	113	362
<b>Non-Captive</b>	162(9)	129(8)	4191	2984
<b>'A' Category</b>	2(1)	1	180	94
<b>'B' Category</b>	168(8)	135(8)	4124	3252
<b>STATES</b>				
Andhra Pradesh	74	54	2129	1427
Gujarat	19(1)	18(1)	870	845
Jharkhand	1(1)	-	81	-
Karnataka	18	13	103	134
Kerala	23	16	92	47
Maharashtra	12	14	278	200
Rajasthan	13(6)	13(6)	626	611
West Bengal	1(1)	1(1)	72	62
Others	9	7	53	20

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	2546	3381	4868	4304	3346
<b>Value</b> (Rs. '000)	408559	444684	714062	1002046	864066

E) <b>Closing Stock</b> :	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	3260	5007	5438	6088	5397

F) <b>Employment</b> :				
<b>No. of Persons Employed per Day</b>			2902	1878
<b>Percentage Share of Employment to Total for MCDR Minerals</b>			2.03	1.43

(p): Provisional

Figures in parentheses indicate associated mines.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)(Quartz and Silica Sand)	1458	1452	1561	1873	1945

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	7478	12451	10020	4689	4497
<b>Value (Rs. crore)</b>	3.01	16.22	8.01	4.32	3.31
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	15834	93741	129490	54380	97526
<b>Value (Rs. crore)</b>	28.70	41.37	59.85	57.98	93.88
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>UAE</b>	<b>Kenya</b>	<b>Nigeria</b>	<b>UK</b>	<b>S. Arabia</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	1245	658	656	46	232	1660
<b>Value (Rs. crore)</b>	0.64	0.62	0.6	0.19	0.17	1.09
<b>Imports</b>	<b>China P Rp</b>	<b>S. Arabia</b>	<b>Egypt A Rp</b>	<b>Taiwan</b>	<b>Italy</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	2899	9932	2934	431	1423	79907
<b>Value (Rs. crore)</b>	8.05	6.81	4.38	4.19	2.48	67.97

**J) Five Principal Silica Sand Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Motiber	Vill. Motiber Distt. Kutch Gujarat	Sanghi Industries Ltd, 10 <sup>th</sup> Floor, Kataria Arcade, Opp. S.G. Highway, P.O. Makaraba, Distt. Ahmedabad – 380 051, Gujarat.
Banesti-I#	Vill. Banesti Distt. Chittorgarh Rajasthan	Mohd. Sher Khan Khwaja Bagh P.O: Sawa – 312 613, Distt. Chittorgarh, Rajasthan.
Bhavani Minerals-II	Vill. Amod Distt. Bharuch Gujarat	Bhavani Minerals P.O. Bhilod – 393 135, Distt. Bharuch, Gujarat.
Siddavaram	Vill. Siddavaram Distt. Nellore Andhra Pradesh	Smt. D. Bhagyalakshmi, Door No.22, Vill. & Post. Chintavaram, Mandal. Chillakur, Distt. Nellore – 524 412, Andhra Pradesh.
Ish Kripa	Vill. Amod Distt. Bharuch Gujarat	Ish Kripa Minerals, Ish-Kripa Shopping Plaza, Station Road, Ankleshwar, Distt. Bharuch – 393 001, Gujarat.

**J) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	985
<b>Percentage Share to All-India Production</b>	29

#: Associated with Kaolin

## SILLIMANITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b>	4085	62902	66987
(Th. tonnes)			
<b>Life Index (Years)</b>			882
B) <b>Mining Leases as on 31-3-2013</b>	<b>No. of Leases</b>		<b>Lease Area</b>
(Area in Hectares)	6		2823.26

C) **Mines Reporting Production** :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>5(2)</b>	<b>5(3)</b>	<b>43736</b>	<b>61597</b>
<b>Public Sector</b>	5	5	17490	15750
<b>Private Sector</b>	(2)	(3)	26246	45847
<b>Non-Captive</b>	5(2)	5(3)	43736	61597
<b>'A' Category</b>	4(1)	3(1)	41386	54243
<b>'B' Category</b>	1(1)	2(2)	2350	7354
<b>STATES</b>				
Andhra Pradesh	(1)	(1)	23896	39723
Kerala	2	2	4936	3946
Maharashtra	2(1)	2(2)	2590	6206
Odisha	1	1	12314	11722

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	33687	48784	59206	43736	61597
<b>Value (Rs. '000)</b>	258779	407406	522737	352062	373488

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		2201	9599	21630	16939	14656

F) **Employment** :

<b>No. of Persons Employed per Day</b>	1767	2026
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	1.24	1.54

(p) : Provisional

( ) : Figures in parentheses indicate associated mines with garnet and kyanite.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	13700	14400	12500	14000	19600

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	6708	2202	11829	11151	28152
<b>Value (Rs. crore)</b>	2.14	2.90	10.86	13.33	14.88
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	1148	1363	14	74	110
<b>Value (Rs. crore)</b>	1.26	1.60	0.23	0.74	1.43
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>China P Rp</b>	<b>Nepal</b>	<b>Singapore</b>	<b>Thailand</b>	<b>Oman</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	24435	2571	292	145	144	565
<b>Value (Rs. crore)</b>	12.14	1.25	0.33	0.25	0.21	0.7
<b>Imports</b>	<b>Nepal</b>	<b>Japan</b>	<b>France</b>	<b>Bulgaria</b>	<b>Others</b>	
<b>Quantity (tonnes)</b>	47	19	24	....	20	
<b>Value (Rs. crore)</b>	1.04	0.26	0.08	....	0.05	

**J) Five Principal Sillimanite Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Vatsavalasa#	Vill. Vatsavalasa Distt. Srikakulam Andhra Pradesh	Trimex Sands Private Limited, 3 <sup>rd</sup> Floor, Serene Tower, Banjara Hills, Hyderabad, Andhra Pradesh
OSCOM	Vill. Matikhalo Distt. Ganjam Odisha	Indian Rare Earths Ltd, Plot No. 1207, V.S. Marg, Prabhadevi, Mumbai – 400 028, Maharashtra.
Pavri(Jamadi)*	Vill. R.F. Jamadi Distt. Bhandara Maharashtra	Pavri Kyanite Mines, Salpekar Building, Rani Jhansi Square, Sitabuldi, Nagpur – 440 012, Maharashtra.
Chavara	Vill. Chavara Distt. Kollam Kerala	Indian Rare Earths Ltd., Plot No:- 1207, V.S. Marg, Prabhadevi, Mumbai – 400 028, Maharashtra.
Chavara & Panama	Vill. Chavara & Panama Distt. Kollam Kerala	Kerala Minerals and Metals Ltd., Sankaramangalam, Chavara, Karunagappally, Kerala – 691 583.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	61155
<b>Percentage Share to All-India Production</b>	99

\* Associated with kyanite.  
# Associated with Garnet.

## SILVER\*

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2013(p)</b> :			
(Th. tonnes) Ore	118281	401289	519570
Metal	8	22	30
 <b>Life Index (Years)</b> :			 33

<b>B) Mining Leases as on 31-3-2013</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	N.A.	N.A.

**C) Production of Silver :**

	Production (kg)	
	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>374046</b>	<b>349774</b>
<b>Public Sector</b>	145	154
<b>Private Sector</b>	373901	349620
<b>STATES</b>		
Karnataka	145	154
Rajasthan	373901	349620

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (kg)</b>	138780	148303	207144	374046	349774
<b>Value (Rs. '000)</b>	3388694	5438695	11561772	21234214	15778713

<b>E) Closing Stock</b> :	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (kg)	-	-	-	-	-

<b>F) Employment</b> :		
<b>No. of Persons Employed per Day</b>	-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	-	-

(p): Provisional

\* Produced as a by-product.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	62	50	41	38	31
<b>Value (Rs. crore)</b>	426.31	106.34	129.67	192.82	112.79
<b>Percentage Share to the Value of Exports of All Metals</b>	0.7	0.1	0.1	0.1	0.1
<b>Imports</b>					
<b>Quantity (tonnes)</b>	2075	2656	4661	2021	6512
<b>Value (Rs. crore)</b>	4563.65	8953.16	24704.23	10797.37	26973.65
<b>Percentage Share to the Value of Imports of All Metals</b>	2.1	3.1	5.9	2.4	8.5

**I) Exports/Imports By Country In 2013-14 :**

<b>Exports</b>	<b>USA</b>	<b>UAE</b>	<b>Iran</b>	<b>Canada</b>	<b>Sweden</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	15	5	2	3	3	3
<b>Value (Rs. crore)</b>	57.6	24.17	10.15	4.8	3.88	12.19
<b>Imports</b>	<b>UK</b>	<b>China P Rp</b>	<b>Korea Rp</b>	<b>Hong Kong</b>	<b>Taiwan</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	2305	1204	446	436	336	1785
<b>Value (Rs. crore)</b>	9342.3	4962.59	1868.23	1832.02	1362.51	7606

**J) Producers of Silver in 2013-14 :**

<b>Name of Smelter / Mine</b>	<b>Location of Smelter / Mine</b>	<b>Address of Producer / Mine Owner</b>
Chanderiya Lead & Zinc Smelter	Distt. Chittorgarh Rajasthan	Hindustan Zinc Ltd, Yashad Bhawan, Udaipur – 313 004, Rajasthan.
Hutti Gold Mines Co. Ltd	Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd, Raichur – 584 115. Karnataka.

**K) Contribution of above Producers in 2013-14 :**

<b>Quantity (kg)</b>	349774
<b>Percentage Share to All-India Production</b>	100



## SLATE

Items	Reserves	Remaining Resources	Total
A) Recoverable Reserves 1-4-2010 (Th. tonnes)	-	2369	2369

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2013 (Area in Hectares)	No. of Leases	Lease Area
	18	683.31

C) Mines Reporting Production :

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	1	1	278	339
Private Sector	1	1	278	339
Non-Captive	1	1	278	339
'B' Category	1	1	278	339
<b>STATES</b>				
Haryana	1	1	278	339

D) Production Trend :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (tonnes)	-	-	-	278	339
<b>Value</b> (Rs.'000 )	-	-	-	263	319

E) Closing Stock	:	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (tonnes)		2408	300	1260	608	11*

F) Employment :

No. of Persons Employed per Day		5	2
Percentage Share of Employment to Total for MCDR Minerals		++	++

(p): Provisional

++: Negligible

\*: Excludes stock of a mine in Madhya Pradesh which reported stock up to 2012-13.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	125463	117644	113257	108028	86090
<b>Value (Rs. crore)</b>	198.07	153.06	153.48	146.33	168.82
<b>Percentage Share to the Value of Exports of All Minerals</b>	0.2	0.1	0.1	0.1	0.1
<b>Imports</b>					
<b>Quantity (tonnes)</b>	146	89	201	213	850
<b>Value (Rs. crore)</b>	0.47	0.37	0.94	2.3	2.4
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>USA</b>	<b>UK</b>	<b>Canada</b>	<b>Ger. F. Rp</b>	<b>Australia</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	35095	14634	3473	1535	3277	28076
<b>Value (Rs. crore)</b>	76.85	17.4	6.33	5.63	4.94	57.67
<b>Imports</b>	<b>China P Rp</b>	<b>Spain</b>	<b>Italy</b>	<b>Ger. F. Rp</b>	<b>Korea Rp</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	815	4	++	1	...	30
<b>Value (Rs. crore)</b>	2.14	0.17	0.01	0.01	...	0.07

**J) Slate Mines in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Padla (42.36 ha)	Vill. Padla Distt. Rewari Haryana	Ashok Somany, Khol House, Circular Road, Distt. Rewari – 123 401, Haryana.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	339
<b>Percentage Share to All-India Production</b>	100

## SULPHUR\*

Items	Reserves	Remaining Resources	Total
A) Recoverable Reserves 1-4-2010 (Th. tonnes) Sulphur (Native)	-	210	210

Life Index (Years) : N. E.

B) Mining Leases as on 31-3-2013 (Area in Hectares)	No. of Leases N.A.	Lease Area N.A.
--	-----------------------	--------------------

C) Production of Sulphur :

	No. of Units <sup>§</sup>		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>11</b>	<b>10</b>	<b>449004</b>	<b>390325</b>
<b>Public Sector</b>	11	10	449004	390325
<b>STATES</b>				
Assam	3	4	3706	4950
Bihar	1	1	12345	10253
Gujarat	1	1	74697	76088
Haryana	2	1	218633	170471
Maharashtra	1	1	46991	51301
Punjab	1	-	12676	-
Uttar Pradesh	1	1	43574	35361
West Bengal	1	1	36382	41901

D) Production Trend :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity</b> (Th. tonnes)	263	237	381	449	390

E) Closing Stock	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
Quantity (tonnes)	NA	NA	NA	NA	NA

F) Employment :

No. of Persons Employed per Day	-	-
Percentage Share of Employment to Total for MCDR Minerals	-	-

(p): Provisional

\* Sulphur is recovered as by-product from fertilizer plants and oil refineries.  
(Excluding units working under Pvt. Sector)

§ No. of units reporting production of sulphur as by-product

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)	1648	1642	1726	1774	1817

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	124884	167113	163372	369960	577695
<b>Value (Rs. crore)</b>	50.46	97.96	167.18	336.78	394.99
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	0.1	0.1	0.2	0.2
<b>Imports</b>					
<b>Quantity (Th. tonnes)</b>	1534	1357	2038	1547	1290
<b>Value (Rs. crore)</b>	681.08	1097.71	2283.29	1735.9	1100.29
<b>Percentage Share to the Value of Imports of All Minerals</b>	0.1	0.2	0.2	0.2	0.1

**I) Exports/Imports by Country in 2013-14:**

<b>Exports</b>	<b>China P Rp</b>	<b>UAE</b>	<b>Singapore</b>	<b>Lebanon</b>	<b>Mozambique</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	464851	65068	7428	13267	6595	20486
<b>Value (Rs. crore)</b>	312.53	34.04	12.93	8.81	5.56	21.12
<b>Imports</b>	<b>Saudi Arabia</b>	<b>UAE</b>	<b>Qatar</b>	<b>Kuwait</b>	<b>Iran</b>	<b>Others</b>
<b>Quantity (Th. tonnes)</b>	427	333	268	147	28	87
<b>Value (Rs. crore)</b>	354.48	265.29	246.61	141.87	22.31	69.73

**J) Sulphur Producing Units in 2013-14 : (As By-Product)**

<b>Location of Unit</b>	<b>Address of Owner</b>
Panipat, Dist: Panipat, Haryana	Indian Oil Corpn. Ltd, (Refineries Division) Scope Complex, Core-II, 7, Institutional Area, Lodhi Road, New Delhi – 110 003.
Gujarat, Dist. Baroda, Gujarat	
Mathura , Dist. Mathura,Uttar Pradesh	
Haldia, Dist: Midnapur, West Bengal	
Barauni, Dist: Begusarai, Bihar	
Guwahati, Dist. Guwahati, Assam	
Digboi, Dist: Digboi, Assam	
Bongaigaon, Dist. Chirang, Assam	
Numaligarh Refinery Limited, Dist: Golaghat, Assam	Numaligarh Refinery Limited, 122A , G.S. Road Christianbasti, Guwahati – 781 005.
Mahul, Dist. Mumbai, Maharashtra	Bharat Petroleum Corp. Ltd.,Bharat Bhawan, 4 & 6, Currimbhoy Road, Ballard Estate, Mumbai – 400 001, Maharashtra

**K) Contribution of above Units in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	390
<b>Percentage Share to All-India Production</b>	100

## TALC / STEATITE / SOAPSTONE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (million tonnes)	90	179	269
<b>Life Index (Years)</b>			162
B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	<b>No. of Leases</b> 476		<b>Lease Area</b> 15355.65
C) <b>Mines Reporting Production</b>			

	No. of Mines		Production (Th. tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>141(9)</b>	<b>111(11)</b>	<b>972</b>	<b>865</b>
<b>Private Sector</b>	141(9)	111(11)	972	865
<b>Non-Captive</b>	141(9)	111(11)	972	865
<b>'A' Category</b>	7	6	413	393
<b>'B' Category</b>	134(9)	105(11)	559	472
<b>STATES</b>				
Andhra Pradesh	39(5)	29(7)	85	62
Rajasthan	65(3)	64(3)	767	718
Uttarakhand	32	15	114	81
Others	5(1)	3(1)	6	4
<b>GRADES</b>				
Insecticide			500	422
Other than insecticide			472	443

**D) Production Trend :**

	2009-10	2010-11	2011-2012	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (Th. tonnes)</b>	877	903	998	972	865
<b>Value (Rs. '000)</b>	713708	618286	878590	888390	905216

E) <b>Closing Stock</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (Th. tonnes)	765	825	1017	516	569

F) <b>Employment</b>					
<b>No. of Persons Employed per Day</b>				3685	2526
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				2.58	1.92

Figures in parenthesis indicate associated mines  
(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (Th. tonnes)	371	375	369	369	368

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	87870	115581	100562	117568	149343
<b>Value (Rs. crore)</b>	61.85	83.80	91.39	121.54	202.86
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	0.1	0.1	0.1
<b>Imports</b>					
<b>Quantity (tonnes)</b>	2605	10087	5022	2906	2935
<b>Value (Rs. crore)</b>	5.25	13.04	14.15	12.14	12.92
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>Thailand</b>	<b>Philippines</b>	<b>Indonesia</b>	<b>UAE</b>	<b>Nigeria</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	31477	8125	11250	11245	12433	74813
<b>Value (Rs. crore)</b>	35.42	22.82	18.73	13.16	12.38	100.35
<b>Imports</b>	<b>China P Rp</b>	<b>Italy</b>	<b>Austria</b>	<b>USA</b>	<b>Japan</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	1566	458	191	115	63	542
<b>Value (Rs. crore)</b>	6.04	3.24	1.13	0.71	0.52	1.28

**L) Five Principal Steatite Mines in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Bhungapat	Vill. Bhungapat Distt. Udaipur Rajasthan	Associated Soapstone Distributing Co. (p) Ltd, Golcha Garden, Agra Road, Jaipur – 302 003, Rajasthan.
Chainpura	Vill. Chainpura Distt. Bhilwara Rajasthan	Udaipur Mineral Devp. Syndicate (p) Ltd, Golcha Trade Centre, Near Ajmeri Gate, M.I. Road, Jaipur – 302 001, Rajasthan.
Ghewaria	Vill. Ghewaria Distt. Bhilwara Rajasthan	Udaipur Mineral Devp. Syndicate (p) Ltd, Golcha Trade Centre, Near Ajmeri Gate, M.I. Road, Jaipur – 302 001, Rajasthan.
Devpura-I (70.40)	Vill. Devpura Distt. Udaipur Rajasthan	Associated Soapstone Distributing Co. (p) Ltd, Golcha Garden, Agra Road, Jaipur – 302 003, Rajasthan.
Abheypura	Vill. Abheypura Distt. Bhilwara Rajasthan	Rajasthan Minerals & Co., A-63, Bharat Marg , Nemi Nagar , Gate No. 5, Vaishali Nagar, Jaipur – 302 021, Rajasthan.

**M) Contribution of above Mines in 2013-14:**

<b>Quantity (Th. tonnes)</b>	455
<b>Percentage Share to All-India Production</b>	53

## TIN CONCENTRATES

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2013(p)</b> :			
(tonnes) Ore	6973	83719193	83726166
Metal	1181	101094	102275

**Life Index (Years)** : Very Large

B) <b>Mining Leases as on 31-3-2013</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	15	320.95

C) **Mines Reporting Production** :

	No. of Mines		Production (kg)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	<b>6</b>	<b>6</b>	<b>47774</b>	<b>34851</b>
<b>Public Sector</b>	1	1	41584	33275
<b>Private Sector</b>	5	5	6190	1576
<b>Captive</b>	5	5	6190	1576
<b>Non-captive</b>	1	1	41584	33275
<b>'B' Category</b>	6	6	47774	34851
<b>STATE</b>				
Chhattisgarh	6	6	47774	34851

D) **Production Trend** :

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (kg)</b>	59016	60643	48765	47774	34851
<b>Value (Rs. '000)</b>	22895	27799	26062	24962	22661

E) <b>Closing Stock</b> :	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (kg)	11425	10984	23733	46503	24757

F) **Employment** :

<b>No. of Persons Employed per Day</b>	39	30
<b>Percentage Share of Employment to Total for MCDR Minerals</b>	0.03	0.02

++: Negligible  
(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	33	2	-	8
<b>Value (Rs. crore)</b>	-	0.92	++	-	0.11
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	++	++	-	++
<b>Imports (Tin ores &amp; concs.)</b>					
<b>Quantity (tonnes)</b>	-	195	++	21	1
<b>Value (Rs. crore)</b>	-	8.62	++	1.41	0.04
<b>Percentage Share to the Value of Imports of All Minerals</b>	-	++	++	++	++

**I) Exports / Imports by Country in 2013-14 :**

<b>Exports</b>	<b>UAE</b>	
<b>Quantity (tonnes)</b>	8	
<b>Value (Rs. crore)</b>	0.11	
<b>Imports</b>	<b>Nigeria</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	....	1
<b>Value (Rs. crore)</b>	....	0.04

**J) Five Principal Tin Concentrate Mine in 2013-14 :**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Bastar	Vill. Bastar Distt. Bastar Chhattisgarh	Chhattisgarh State Mineral Dev. Corpn. Ltd, Sona Khan Bhawan, Ring Road No.1, Raipur, Chhattisgarh – 492 006.
Bade Bacheli (17.087 ha)	Vill. Bade Bacheli Distt. Dantewada Chhattisgarh	Precious Minerals & Smelting Ltd, Semi Urban Industrial Estate, Frezerpur, Jagdapur, Chhattisgarh – 494 001.
Bade Bacheli (7.739 ha)	Vill. Bade Bacheli Distt. Dantewada Chhattisgarh	
Bade Bacheli (36.067 ha)	Vill. Bade Bacheli Distt. Dantewada Chhattisgarh	
Nerli (4.97 ha)	Vill. Nerli Distt. Dantewada Chhattisgarh	

**K) Contribution of above Mine in 2013-14 :**

<b>Quantity (kg)</b>	34851
<b>Percentage Share to All-India Production</b>	99.97



## TUNGSTEN CONCENTRATES

Items	Reserves	Remaining Resources	Total
<b>A) Total Resources 1-4-2013(p)</b> :			
(Th. tonnes) Ore	-	87387	87387
Metal	-	142	142
 <b>Life Index (Years)</b> :			N. E.

<b>B) Mining Leases as on 31-3-2013</b> :	<b>No. of Leases</b>	<b>Lease Area</b>
(Area in Hectares)	N.A.	N.A.

**C) Mines Reporting Production :**

	No. of Mines		Production (kg)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	----- No Production reported -----			
<b>Public Sector</b>	- do -			
<b>Non-Captive</b>	- do -			
<b>'A' Category</b>	- do -			
<b>'B' Category</b>	- do -			
<b>STATE</b>				
Rajasthan	- do -			

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (kg)</b>	-	-	-	-	-
<b>Value (Rs. '000)</b>	-	-	-	-	-

<b>E) Closing Stock</b> :	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (kg)	-	-	-	-	-

<b>F) Employment</b> :					
<b>No. of Persons Employed per Day</b>				-	-
<b>Percentage Share of Employment to Total for MCDR Minerals</b>				-	-

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(p): Provisional

<b>G) Domestic Consumption Trend</b>	:	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)		500	500	560	530	538

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	-	32	321	93	323
<b>Value (Rs. crore)</b>	-	1.92	6.34	0.92	6.42
<b>Percentage Share to the Value of Exports of All Minerals</b>	-	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	87	27	327	107	17
<b>Value (Rs. crore)</b>	0.15	0.09	0.52	2.88	2.82
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>Vietnam</b>		<b>UK</b>		<b>Italy</b>	
<b>Quantity (tonnes)</b>	260		13		50	
<b>Value (Rs. crore)</b>	4.69		1.4		0.33	
<b>Imports</b>	<b>USA</b>	<b>Singapore</b>	<b>UK</b>	<b>Nigeria</b>	<b>South Africa</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	5	7	5	++	++	++
<b>Value (Rs. crore)</b>	2.51	0.2	0.11	++	++	++

**J) Tungsten Concentrate Mines in 2013-14 :** Nil

**K) Contribution of above Mine in 2013-14 :**

<b>Quantity (kg)</b>	-
<b>Percentage Share to All-India Production</b>	-

## VERMICULITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	1704	803	2507

**Life Index (Years)** : 160

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	No. of Leases	Lease Area
	15	259.64

**C) Mines Reporting Production :**

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	8(6)	8(7)	7947	10176
<b>Public Sector</b>	1	1	1373	2202
<b>Private Sector</b>	7(6)	7(7)	6574	7974
<b>Non-captive</b>	8(6)	8(7)	7947	10176
<b>'B' Category</b>	8(6)	8(7)	7947	10176
<b>STATES</b>				
Andhra Pradesh	6(6)	6(7)	6474	7974
Karnataka	1	1*	100	-
Tamil Nadu	1	1	1373	2202

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	11662	19234	10194	7947	10176
<b>Value (Rs. '000)</b>	7653	13132	7085	5010	8518

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		7181	8397	10685	10131	12867

F) <b>Employment</b>	:				
<b>No. of Persons Employed per Day</b>			73	103	
<b>Percentage Share of Employment to Total for MCDR Minerals</b>			0.05	0.08	

(p): Provisional

( ) : Figures in parentheses indicate associated mines with apatite, feldspar, mica and quartz.

\* : only labour reported.

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(p)</sup></b>
Quantity (tonnes)	800	800	900	3800	1600

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	1015	1497	1139	648	737
<b>Value (Rs. crore)</b>	0.64	1.09	1.00	0.55	0.87
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	84	312	222	170	176
<b>Value (Rs. crore)</b>	0.19	0.75	0.82	0.83	0.84
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>UAE</b>	<b>Norway</b>	<b>Israel</b>	<b>UK</b>	<b>Singapore</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	386	150	44	48	18	91
<b>Value (Rs. crore)</b>	0.45	0.11	0.07	0.07	0.05	0.12
<b>Imports</b>	<b>USA</b>	<b>Brazil</b>	<b>Japan</b>	<b>S. Africa</b>	<b>S. Arabia</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	77	84	10	...	....	5
<b>Value (Rs. crore)</b>	0.44	0.19	0.15	....	....	0.06

**J) Five Principal Vermiculite Mines in 2013-14:**

<b>Name of Mine</b>	<b>Location of Mine</b>	<b>Address of Mine Owner</b>
Dugar- III	Vill. P. Palicherla Distt. Nellore Andhra Pradesh	Dugar Insulations India (p) Ltd, Dugar Towers, 7 <sup>th</sup> Floor, 34(123) Marshalls Road, Egmore, Chennai – 600 008.
Sevathur	Vill. Sevathur Distt. Vellore Tamil Nadu	Tamil Nadu Minerals Ltd, 31, Kamarajar Salai, Chepauk, Chennai – 600 005, Tamil Nadu.
M. Hemanth Kumar Mine*	Vill. Chemdidi Distt. Nellore Andhra Pradesh	M. Hemanth Kumar, H. No.3-6-601, G5, 1 <sup>st</sup> Floor, Sri Vyshnavi Residency, Street No.8, Himayath Nagar, Hyderabad – 500 029, A. P.
Lakshmi Narayana* Mining Co.	Vill. Meganur Distt. Nellore Andhra Pradesh	K. Sai Charan, East Street, Gudur, Dist- Nellore – 524 101, Andhra Pradesh
Ani Mines & Minerals*	Vill. Chaganam Distt. Nellore Andhra Pradesh	V.L. Prasanna, 27-2-1850-4, Near Childrens Park, 9 <sup>th</sup> Lane, Ramji Nagar, Distt: Nellore – 524 001, Andhra Pradesh

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (tonnes)</b>	7900
<b>Percentage Share to All-India Production :</b>	78

\* Associated with mica and quartz.

## WOLLASTONITE

Items	Reserves	Remaining Resources	Total
A) <b>Total Resources 1-4-2010</b> (Th. tonnes)	2487	14083	16570

**Life Index (Years)** : 72

B) <b>Mining Leases as on 31-3-2013</b> (Area in Hectares)	No. of Leases	Lease Area
	7	222.02

**C) Mines Reporting Production :**

	No. of Mines		Production (tonnes)	
	2012-13	2013-14	2012-13	2013-14 <sup>(p)</sup>
<b>INDIA</b>	3	4	145667	192642
<b>Private Sector</b>	3	4	145667	192642
<b>Non-captive</b>	3	4	145667	192642
<b>'A' Category</b>	2	2	137168	181889
<b>'B' Category</b>	1	2	8499	10753
<b>STATE</b>				
Rajasthan	3	4	145667	192642

**D) Production Trend :**

	2009-10	2010-11	2011-12	2012-13	2013-14 <sup>(p)</sup>
<b>Quantity (tonnes)</b>	132385	183381	184445	145667	192642
<b>Value (Rs. '000)</b>	111930	145958	159974	127468	157047

E) <b>Closing Stock</b>	:	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14<sup>(p)</sup></b>
Quantity (tonnes)		1008	294	299	2248	10677

F) <b>Employment</b>	:	
No. of Persons Employed per Day		433      397
Percentage Share of Employment to Total for MCDR Minerals		0.30      0.30

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(p): Provisional

<b>G) Domestic Consumption Trend:</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13<sup>(P)</sup></b>
Quantity (tonnes)	3800	3800	121043	102990	140300

**H) Exports/Imports Trend:**

<b>Exports</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>
<b>Quantity (tonnes)</b>	12880	17759	23759	18765	19033
<b>Value (Rs. crore)</b>	15.38	20.89	29.72	28.15	31.02
<b>Percentage Share to the Value of Exports of All Minerals</b>	++	++	++	++	++
<b>Imports</b>					
<b>Quantity (tonnes)</b>	351	2600	806	1288	1305
<b>Value (Rs. crore)</b>	0.39	2.39	1.29	2.42	3.05
<b>Percentage Share to the Value of Imports of All Minerals</b>	++	++	++	++	++

**I) Exports/Imports by Country in 2013-14 :**

<b>Exports</b>	<b>Belgium</b>	<b>Japan</b>	<b>Australia</b>	<b>Ger. F. Rp</b>	<b>Netherlands</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	7725	5405	2649	1404	492	1358
<b>Value (Rs. crore)</b>	12.66	6.88	5.42	3.31	0.56	2.19
<b>Imports</b>	<b>China P Rp</b>	<b>USA</b>	<b>Mexico</b>	<b>Spain</b>	<b>Ger. F. Rp</b>	<b>Others</b>
<b>Quantity (tonnes)</b>	734	187	120	110	14	140
<b>Value (Rs. crore)</b>	0.84	0.76	0.64	0.27	0.19	0.35

**J) Wollastonite Mines in 2013-14 :**

<b>Name Of Mine</b>	<b>Location Of Mine</b>	<b>Address Of Mine Owner</b>
Kheratarla	Vill. Kheratarla Distt. Udaipur Rajasthan	Wolkem Industries Ltd, P.B. 21, E-101, Mewar Industrial Area, Madri, Udaipur – 313 003, Rajasthan.
Belkapahar	Vill. Pindwara Distt. Sirohi Rajasthan	Wolkem Industries Ltd, P.B. 21, E-101, Mewar Industrial Area, Madri, Udaipur – 313 003, Rajasthan.
Kotra (22/01)	Vill. Kotra Distt. Ajmer Rajasthan	Renu Atre, 378, C Block, Malviya Nagar ,Sanganer, Jaipur – 302 017, Rajasthan.

**K) Contribution of above Mines in 2013-14 :**

<b>Quantity (Th. tonnes)</b>	192
<b>Percentage Share to All-India Production :</b>	99