



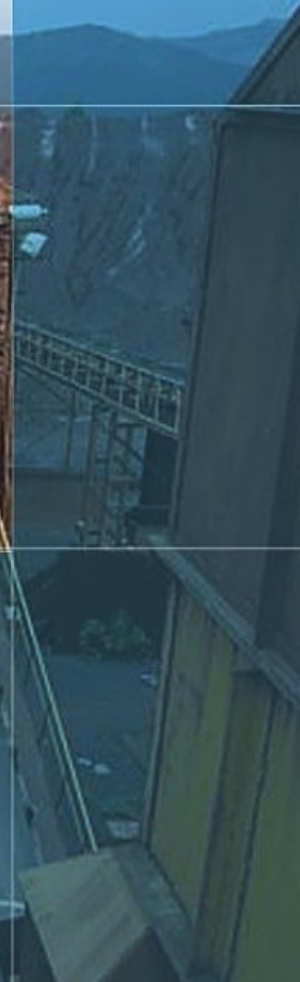
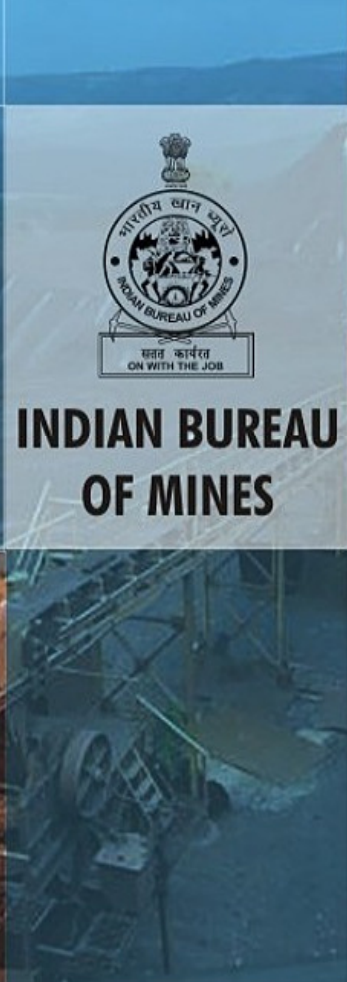
GOVERNMENT
OF INDIA

MINISTRY OF
MINES

Statistical Profiles of Minerals 2012 - 2013



**INDIAN BUREAU
OF MINES**



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 2012-13

Issued by

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INDIAN BUREAU OF MINES, NAGPUR**

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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 2012-13 is the 29th 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 2012-13 was Rs. 50581 crore. The principal minerals contributing to the total value were iron ore 66%, limestone 9%, chromite 5%, lead & zinc concentrates 5%, manganese ore 3%, phosphorite 2% and bauxite, copper concentrates and gold about 1% each. The share of these ten minerals together in the total value of MCDR mineral production was 93% during 2012-13. The average labour employed during 2012-13 in the mines covered under MCDR 1988 was 1.36 lakh persons per day compared to 1.41 lakh persons per day in the preceding year. During 2012-13, 29% of the total labour was engaged in iron ore mines followed by 17% in limestone, 11% in manganese ore, 5% in bauxite, 4% each in chromite and lead & zinc conc., about 3% each in dolomite, quartz and steatite, 2% each in copper conc., gold, garnet (abrasive), kaolin, sillimanite and silica sand and about 1% each in barites, chalk, felspar, fireclay, laterite, magnesite, phosphorite, pyrophyllite and quartzite 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 and grade etc. Data on employment, stock, principal mines, domestic consumption and exports/imports by countries are also presented in the publication.

The total mineral resources as on 1-4-2010 are classified under Reserves and Remaining Resources. Life Index beyond 1-4-2010 has been worked out using reserves/remaining resources data as per UNFC up to 332 stages. Due to conceptual changes, there will be few notable variations in the life indices if compared with the earlier one. Mineral resources data are updated as on 31-3-2010. The Mineral Economics Division of the Bureau has supplied data on reserves, life index, mining leases and domestic consumption.

Data on production for 2011-12 are based on the production reported by the mine owners through Annual/Monthly returns under the provisions of the MCDR 1988 while those for 2012-13 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 2008-09 to 2012-13 and country-wise information is given for the year 2012-13 as received from the source agency i.e. Director General, Commercial Intelligence & Statistics, Kolkata. The export data includes re-exports for the years 2008-09 to 2012-13. Country-wise break-up of some of the minerals at 8- digit ITC (HS) code level is not available for the year 2012-13. 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 1-4-2010 :	N.A.	N.A.	N.A.

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

B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area
(Area in Hectares)	3	59.62

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	1	1	476	493
Private Sector	1	1	476	493
Non- Captive	1	1	476	493
'B' Category	1	1	476	493
STATES				
Gujarat	1	1	476	493

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	-	11	19	476	493
Value (Rs.'000)	-	6	10	238	247

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	40	57	25	100	56

F) Employment :		
No. of Persons Employed per Day	13	9
Percentage Share of Employment to Total for MCDR Minerals	0.01	0.01

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend :

Exports (Cut)	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Carats)	630	125	725	1733	1265
Value (Rs. Crore)	5.72	1.98	5.54	11.16	7.05
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Exports (Uncut)					
Quantity (Tonnes)	25	39	34	429	786
Value (Rs. Crore)	0.85	0.88	1.45	4.33	9.6
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Cut)					
Quantity (Th. Carats)	*	*	3	5	1
Value (Rs. Crore)	++	0.14	1.65	3.11	1.05
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++
Imports (Uncut)					
Quantity (Tonnes)	*	*	1	26	52
Value (Rs. Crore)	0.02	0.34	1.52	0.54	1.73
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports (cut)	U S A	Hong Kong	China P Rep	U K	Japan	Others
Quantity (Th. Carats)	290	386	424	31	17	117
Value (Rs. Crore)	1.93	1.84	1.83	0.30	0.20	0.95
Exports (Uncut)	China P Rp	Saudi Arab	U S A	U K	Italy	Others
Quantity (Tonnes)	690	39	14	23	7	13
Value (Rs. Crore)	3.82	1.91	1.82	0.35	0.27	1.43
Imports (Cut)	Hong Kong	Tanzania Rep	U S A	China P Rp	Australia	
Quantity (Th. Carats)	1	++	++	++	++	
Value (Rs. Crore)	0.87	0.09	0.06	0.03	++	
Imports (Uncut)	China P Rp	Tanzania Rep	U S A	Turkey	Madagascar	Others
Quantity (Tonnes)	17	29	2	++	++	4
Value (Rs. Crore)	0.8	0.51	0.18	0.05	0.04	0.15

J) Agate Mine in 2012-13 :

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

K) Contribution of above Mine in 2012-13:

Quantity (Tonnes)	493
Percentage Share to All-India Production	100

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

APATITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	2090	22139	24229

Life Index (Years) : Very Large

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 2	Lease Area 20.17
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	2	2	3053	572
Public Sector	1	1*	136	-
Private Sector	1	1	2917	572
Non-captive	2	2	3053	572
'A' Category	1	1*	136	-
'B' Category	1	1	2917	572
STATES				
Andhra Pradesh	1	1	2917	572
West Bengal	1	1*	136	-
GRADE				
16-20% P ₂ O ₅	2	2	3053	572

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	6415	5992	3846	3053	572
Value (Rs.'000)	13025	12911	8345	6459	1208

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		11	9	8	8	7

F) Employment	:					
No. of Persons Employed per Day				196	159	
Percentage Share of Employment to Total for MCDR Minerals				0.14	0.12	

*Only labour reported

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes) (Apatite & Rock Phosphate)	3527	3352	3146	3553	3955

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13 :

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Apatite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
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 nd Floor, Kolkata – 700 087.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	572
Percentage Share to All-India Production	100

ASBESTOS

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (All Grades) (Th. Tonnes)	2511	19656	22167

Life Index (Years) : Very Large

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 34	Lease Area 1632.75
---	----------------------------	------------------------------

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	5	5	276	387
Private Sector	5	5	276	387
Non-captive	5	5	276	387
'A' Category	1	1	141	213
'B' Category	4	4	135	174
STATES				
Andhra Pradesh	3	3	276	387
Rajasthan*	2	2	-	-
GRADES				
Ambhibole			-	-
Chrysotile			276	387

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	315	243	268	276	387
Value (Rs.'000)	14521	12268	13341	13347	17900

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)		19	9	8	19	63

F) Employment	:					
No. of Persons Employed per Day				44	44	
Percentage Share of Employment to Total for MCDR Minerals				0.03	0.03	

*Rajasthan state producing feldspar & quartz as an associated mineral.

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)		109	104	104	103	104

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	918	559	231	1296	78
Value (Rs. Crore)	0.75	0.16	0.12	0.29	0.07
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	346658	331415	365795	378122	460449
Value (Rs. Crore)	874.49	938.8	1002.53	1199.17	1900.4
Percentage Share to the Value of Imports of All Minerals	0.2	0.2	0.1	0.1	0.2

I) Exports/Imports by Country in 2012-13:

Exports	Nepal	Angola	Malawi	Mozambique	Yemen Republic	
Quantity (Tonnes)	26	31	14	2	5	
Value (Rs. Crore)	0.04	0.01	0.01	0.01	++	
Imports	Russia	Kazakhstan	Brazil	China P Rep	German F Rep	Others
Quantity (Tonnes)	265394	105572	58083	16255	1863	13282
Value (Rs. Crore)	1103.61	425.78	241.27	65.75	7.45	56.54

J) Principal Asbestos Mines in 2012-13:

Name of Mine	Location of Mine	Address of Mine Owner
Amphibole	NIL	NIL
Chrysotile		
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.
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.
Sri Sai Baba	Vill. Ippatla Distt. Cuddapah Andhra Pradesh	Baba Mineral Corpn. 1/125, Krishnappa Nagar, Near Rly. Station, Cuddapah – 516 004, Andhra Pradesh.

K) Contribution of above Mines in 2012-13:

Quantity (Tonnes)	387
Percentage Share to All-India Production	100

BALL CLAY

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	: 16778	66616	83394

Life Index (Years) : 25

B) Mining Leases as on 31-3-2012 (Area in Hectares)	: No. of Leases 75	Lease Area 2744.56
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	56(12)	48(13)	1647	1856
Public Sector	2	2	99	14
Private Sector	54(12)	46(13)	1548	1842
Non-captive	56(12)	48(13)	1647	1856
'B' Category	56(12)	48(13)	1647	1856
STATES				
Andhra Pradesh	14(1)	13(1)	277	182
Gujarat	3	2	14	12
Rajasthan	38 (11)	32(12)	1352	1649
Tamil Nadu	1	1	4	13

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	998	933	1087	1647	1856
Value (Rs.'000)	200778	218174	390238	693714	917005

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		299	365	487	671	668

F) Employment	:					
No. of Persons Employed per Day				762	509	
Percentage Share of Employment to Total for MCDR Minerals				0.54	0.37	

Figures in parentheses indicate associated mines.

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)		524	547	561	590	579

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	23228	32132	19611	18037	29497
Value (Rs. Crore)	7.78	10.46	6.33	6.24	13.13
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	122026	123073	126695	191310	156527
Value (Rs. Crore)	75.56	66.77	63.77	102.36	104.41
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	Bangladesh	U A E	Malaysia	Kenya	Nepal	Others
Quantity (Tonnes)	26123	2322	702	151	94	105
Value (Rs. Crore)	10.86	1.72	0.35	0.07	0.04	0.09
Imports	Ukraine	U K	China P Rp	Malaysia	German F Rep	Others
Quantity (Tonnes)	104835	14258	9818	23867	585	3164
Value (Rs. Crore)	68.44	16.09	7.84	7.45	1.34	3.25

J) Five Principal Ball Clay Mines in 2012-13 :

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, B/h Rajasthan Pan Mandir, Rani Bazar, Bikaner – 334 001, Rajasthan.
Chandi (75.3 H)	Vill. Chandi Distt. Bikaner Rajasthan	Harish Clays, Harasar House, P.B. No. 57, Near M. N. Hospital, 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.
TRS-Mudh Kotri (13/75) (25 H)	Vill. Mudh Distt.Bikaner Rajasthan	Tahala Ram and Sons, Ramnath Sadan, Rathkhana Colony, Bikaner – 334 001, Rajasthan.
Guda (Sankhla ki Basti)	Vill. Sankhlaki Basti Distt.Bikaner Rajasthan	Sampat Lal Daga, Bagree Mohalla, Labhuji ka Katla, 1 st Floor, Bikaner-334001, Rajasthan.

K) Contribution of above Mines in 2012-13:

Quantity (Th. Tonnes)	688
Percentage Share to All-India Production	37

BARYTES

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (All Grades) (Th. Tonnes)	31584	41150	72734
Life Index (Years)	:		18
B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 167		Lease Area 2614.26
C) Mines Reporting Production	:		

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	12	14	1777	1739
Public Sector	1	1	1703	1697
Private Sector	11	13	74	42
Non-captive	12	14	1777	1739
'A' Category	1	1	1703	1697
'B' Category	11	13	74	42
STATES				
Andhra Pradesh	11	13	1769	1732
Rajasthan	1	1	8	7
GRADES				
Snow-white & White			4	4
Off Colour			1773	1735

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	1686	2153	2339	1777	1739
Value (Rs.'000)	966445	2601842	2698279	1685965	5621010

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		3146	4007	5181	5233	5041

F) Employment	:					
No. of Persons Employed per Day				606	777	
Percentage Share of Employment to Total for MCDR Minerals				0.43	0.57	

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)		126	141	201	192	186

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	844	999	866	1037	1740
Value (Rs. Crore)	298.25	334.99	314.64	540.65	1192.04
Percentage Share to the Value of Exports of All Minerals	0.3	0.3	0.2	0.3	0.7
Imports					
Quantity (Tonnes)	1674	3778	2843	3720	6169
Value (Rs. Crore)	2.07	3.73	3.75	65.60	11.24
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	U S A	Saudi Arab	Malaysia	U A E	Venezuela	Others
Quantity (Th. Tonnes)	807	385	74	69	42	363
Value (Rs. Crore)	472.02	291.21	65.27	44.12	39.66	279.76
Imports	China P Rep	U K	Germany	Thailand	Italy	Others
Quantity (Tonnes)	4899	872	33	197	50	118
Value (Rs. Crore)	8.02	1.93	0.62	0.43	0.08	0.16

J) Five Principal Barytes Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Mangampet	Vill. Mangampet Distt. Cuddapah Andhra Pradesh	Andhra Pradesh Mineral Dev. Corpn. Ltd, HMWSSB, Rear Block, 3 rd Floor, Khairatabad, Hyderabad – 500 004, 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, T.N.
Viswabharati (302 A)	Vill. Siripuram Distt. Khammam Andhra Pradesh	Viswabharati Mining Corpn. Ltd., 1/397-1 Court Rd. Cuddapah, Distt. Cuddapah – 516 001, Andhra Pradesh.
Relpatliya	Vill.Jagat Dist. Udaipur Rajasthan	Rajasthan Barytes Ltd. 3-A, Fatehpura, Sukhadia Circle,Girwa Udaipur – 313 001, Rajasthan.
Vinjamur S.N. 1489	Vill. Vinjamur Dist. Nellore Andhra Pradesh	S.Ramadas, Flat 150,2B,Arthi Apartment, Habibullah Road, Post.T.Nagar – 600 017, Distt. Chennai, T.N.

K) Contribution of above Mines in 2012-13

Quantity (Th. Tonnes)	1731
Percentage Share to All-India Production	99.5

BAUXITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	592938	2886682	3479620
(Th. Tonnes)			
Life Index (Years)			166
B) Mining Leases as on 31-3-2012	No. of Leases	Lease Area	
(Area in Hectares)	343	30078.21	
C) Mines Reporting Production			

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(P)
INDIA	172(12)	152(10)	13600	15360
Public Sector	20	20	5853	6440
Private Sector	152(12)	132(10)	7747	8920
Captive	65	66	10169	11784
Non-captive	107(12)	86(10)	3431	3576
'A' Category	23	21	8998	9926
'B' Category	149(12)	131(10)	4602	5434
STATES				
Chhattisgarh	12	12	2392	1818
Goa	1	1	85	87
Gujarat	79	67	847	3018
Jharkhand	31	31	1970	2008
Karnataka	2	2	83	81
Madhya Pradesh	24(11)	17(9)	813	822
Maharashtra	16	15	2286	1970
Odisha	4(1)	4(1)	5055	5460
Tamil Nadu	3	3	69	96
For use in alumina and aluminium metal extraction				
Above 60% Al ₂ O ₃			-	-
55 – 60% Al ₂ O ₃			28	1
50 – 55% Al ₂ O ₃			309	37
45 – 50% Al ₂ O ₃			1743	1913
40 – 45% Al ₂ O ₃			9807	9650
Below 40% Al ₂ O ₃			1037	1140
For use other than alumina and aluminium metal extraction				
Cement			391	2234
Abrasive			132	57
Refractory			149	264
Chemical			4	64
Others			++	-

D) Production Trend					
	2008-09	2009-10	2010-11	2011-12	2012-13^(P)
Quantity (Th.	15460	14124	12723	13600	15360
Value (Rs. '000)	4703221	4887897	5122151	6126011	7097373

E) Closing Stock		2008-09	2009-10	2010-11	2011-12	2012-13^(P)
Quantity (Th. Tonnes)		8559	8411	9404	7988	6902

F) Employment					
No. of Persons Employed per Day				7684	6905
Percentage Share of Employment to Total for MCDR Minerals				5.45	5.06

Figures in parentheses indicate number of associated mines with iron ore, fireclay, laterite, limestone & ochre.
++ : Negligible.

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)		10600	12349	12226	10623	11888

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	1708	476	116	401	3410
Value (Rs. Crore)	370.82	73.21	29.52	92.23	624.58
Percentage Share to the Value of Exports of All Minerals	0.3	0.1	++	0.1	0.4
Imports					
Quantity (Th. Tonnes)	46	54	64	79	67
Value (Rs. Crore)	98.82	114.14	120.10	160.33	149.47
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	China P Rp	Qatar	Kuwait	Slovenia	Oman	Others
Quantity (Tonnes)	3116189	82054	96046	22638	15003	78068
Value (Rs. Crore)	508.68	22.09	22.06	17.84	12.51	41.40
Imports	China P Rp	Brazil	South Africa	Germany	Singapore	Others
Quantity (Tonnes)	64845	724	377	200	125	471
Value (Rs. Crore)	139.83	6.74	1.02	0.46	0.31	1.11

J) Five Principal Bauxite Mines in 2012-13:

Name of Mine	Location of Mine	Address of Mine Owner
Panchpatmali	Vill. Panchpatmali Distt. Koraput Odisha	National Aluminium Co. Ltd., P-1 Nayapalli, Nalco Bhawan, Bhubaneswar, Khurda – 751 061, Odisha.
Asota Mewasa	Vill. Mewasa Distt. Jamnagar Gujarat	Bombay Minerals Ltd., Okha, Jamnagar High way, Jam-Khambalia – 361 305 Distt-Jamnagar, Gujarat.
Durgamanwadi	Vill. Durgamanwadi Distt. Kolhapur Maharashtra	Hindalco Industries Ltd., Century Bhavan, 3 rd Floor, Dr. Annie Basant Road, Worli, Mumbai – 400 025
Bodai Daldali	Vill.Semsata Distt. Kabirdam Chattisgarh	Bharat Aluminium Co. Ltd., Township, Korba – 495 684 Chattisgarh.
Samri	Vill. Samri Distt. Sarguja Chattisgarh	Hindalco Industries Ltd., Century Bhavan, 3 rd Floor, Dr. Annie Basant Road, Worli, Mumbai – 400 025.

K) Contribution of above Mines in 2012-13:

Quantity (Th. Tonnes)	8426
Percentage Share to All-India Production	55

CALCAREOUS SAND

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :	N.A.	N.A	N.A

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2012	No. of Leases	Lease Area
(Area in Hectares)	14	151.54

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	----- No Production reported -----			
Private Sector	- do -			
Captive	- do -			
'B' Category	- do -			
STATE				
Gujarat	- do -			

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	-	-	-	-	-
Value (Rs.'000)	-	-	-	-	-

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	-	-	-	-	-

F) Employment :

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

CALCITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	2664	18281	20945

Life Index (Years) : 312

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 89	Lease Area 1810.92
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C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	3(1)	6(1)	54081	72076
Private Sector	3(1)	6(1)	54081	72076
Non-captive	3(1)	6(1)	54081	72076
'A' Category	(1)	(1)	16537	3996
'B' Category	3	6	37544	68080
STATES				
Rajasthan	3 (1)	6(1)	54081	72076

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity(Tonnes)	67284	49309	38826	54081	72076
Value (Rs.'000)	22729	16980	14104	20835	25003

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th.Tonnes)		6	7	6	9	6

F) Employment :

No. of Persons Employed per Day	44	34
Percentage Share of Employment to Total for MCDR Minerals	0.03	0.02

Figures in parentheses indicate number of associated mines with wollastonite.

G) Domestic Consumption Trend :	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	43	59	64	66	88

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	1073	674	1373	3240	2167
Value (Rs. Crore)	0.42	0.36	0.61	1.49	1.88
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	66205	111887	143164	260231	147146
Value (Rs. Crore)	18.82	36.89	43.08	121.56	65.84
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	Nepal		Bangladesh	UAE		Kenya	Others
Quantity (Tonnes)	710		1074	307		76	...
Value (Rs. Crore)	0.82		0.65	0.36		0.05	...
Imports	Vietnam	Malaysia	China P Rp	Oman	Egypt A Rp	Others	
Quantity (Tonnes)	57570	64775	9896	6777	3352	4776	
Value (Rs. Crore)	30.76	25.51	3.53	1.9	1.79	2.35	

J) Five Principal Calcite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Sanchli	Vill- Sanchli Dist-Udaipur Rajasthan	Kalpana Minerals & Chemicals, Ashok Vatika, N.H-8, Sukher, Udaipur – 313 003, Rajasthan.
Rabachh	Vill- Rabachh Dist- Udaipur Rajasthan	Wolkem India Ltd., E- 101, Mewar Industrial Area, Madri, Udaipur – 313 003, Rajasthan.
Belkapahar*	Vill- Khilla Dist-Sirohi Rajasthan	Wolkem Industries Ltd., E- 101, Mewar Industrial Area, Madri, Udaipur – 313 003, Rajasthan.
Dhokiyo ka khera	Vill- Dhokiyo ka khera Dist-Bhilwara Rajasthan	Shahnaz Hussain, W/o Liaquat Hussainji 19,Kharol Colony, Shiv Bari, Fatehpura Udaipur – 313 001, Rajasthan
Sanchali(12/01)	Vill- Sanchali Dist-Udaipur Rajasthan	Wolmine India Pvt. Ltd., 101, Lumbini Towers, Opposite NIMS, Panjagutta, Hyderabad, A.P.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	72076
Percentage Share to All-India Production	100

* Associated with Wollastonite.

CHALK

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	4332	585	4917

Life Index (Years) : 24

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 163	Lease Area 651.77
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	128	111	179	167
Private Sector	128	111	179	167
Non-captive	128	111	179	167
'B' Category	128	111	179	167
STATE				
Gujarat	128	111	179	167

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	203	185	177	179	167
Value (Rs. '000)	77251	71087	65799	70458	74562

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2010-12^(p)
Quantity (Th. Tonnes)		77	75	80	79	71

F) **Employment** :

No. of Persons Employed per Day	1389	1261
Percentage Share of Employment to Total for MCDR Minerals	0.98	0.92

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	1178	1655	689	759	679
Value (Rs. Crore)	0.36	0.95	0.25	0.34	0.42
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	128	1659	3185	1884	6003
Value (Rs. Crore)	0.27	1.15	1.71	1.59	3.61
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	Nepal	Bangladesh	Malaysia	Uganda	Egypt A Rp	Others
Quantity (Tonnes)	295	217	28	24	15	100
Value (Rs. Crore)	0.17	0.10	0.05	0.03	0.02	0.05
Imports	Vietnam	France	Malaysia	Korea Rp	China P Rp	Others
Quantity (Tonnes)	5753	73	102	20	21	34
Value (Rs. Crore)	3.15	0.19	0.07	0.05	0.05	0.10

J) Five Principal Chalk Mines in 2012-13:

Name of Mine	Location of Mine	Address of Mine Owner
Adityana (Dal)	Vill. Adityana Distt. Porbandar Gujarat	Porbandar Industrial Products, Harish Mansion, Post Box-27 Porbandar – 360 575, Gujarat.
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	Jaydeep Minerals Adityana – 360 545 Porbandar, Gujarat.
Ranavadvala	Vill. Vadvala Distt. Porbandar Gujarat	Universal Mineral Industries, Barvan Ness, Ranavav – 360 560 Porbandar, Gujarat
Adityana	Vill. Adityana Distt. Porbandar Gujarat	Rasiklal Dayalal Patel, c Adityana – 360 545 Porbandar, Gujarat.

K) Contribution of above Mines in 2012-13:

Quantity (Th. Tonnes)	24
Percentage Share to All-India Production	15

CHROMITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (All Grades) (Th. Tonnes)	: 53970	149376	203346

Life Index (Years) : 32

B) Mining Leases as on 31-3-2012 (Area in Hectares)	: No. of Leases 35	Lease Area 9432.58
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	22	25	2923	2950
Public Sector	8	11	608	700
Private Sector	14	14	2315	2250
Captive	13	13	2154	2097
Non-captive	9	12	769	853
'A' Category	19	22	2715	2735
'B' Category	3	3	208	215
STATES				
Karnataka	2	4	5	7
Odisha	20	21	2918	2943
GRADES				
Above 52% Cr ₂ O ₃	Lumps		-	-
	Fines		578	850
40 - 52% Cr ₂ O ₃	Lumps		133	100
	Fines		751	739
Below 40% Cr ₂ O ₃	Lumps		207	118
	Fines		493	539
Concentrates			761	604

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	4073	3426	4326	2923	2950
Value (Rs. '000)	22633627	10453620	25964208	24244988	24481704

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		2238	1323	2257	2366	2563

F) Employment	:					
No. of Persons Employed per Day				6845	5660	
Percentage Share of Employment to Total for MCDR Minerals				4.85	4.15	

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)		2499	2162	2160	2661	2390

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	1899	689	172	225	196
Value (Rs. Crore)	973.61	801.25	286.06	488.82	310.76
Percentage Share to the Value of Exports of All Minerals	0.9	0.6	0.2	0.3	0.2
Imports					
Quantity (Th. Tonnes)	94	96	86	136	217
Value (Rs. Crore)	107.02	86.1	90.48	201.96	250.34
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	China P Rp	Japan	Spain	Yemen Rep	Germany	Others
Quantity (Tonnes)	189416	5000	1926	21	43	29
Value (Rs. Crore)	295.37	9.79	5.47	0.07	0.03	0.03
Imports	Oman	S. Africa	U A E	Turkey	China P Rp	Others
Quantity (Th. Tonnes)	136	54	15	5	3	4
Value (Rs. Crore)	115.86	105.00	12.76	5.27	3.97	7.48

J) Five Principal Chromite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
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, Bhubneshwar – 751 001. Odisha.
Sukinda	Vill. Kaliapani Distt. Jajpur Odisha	Indian Metals & Ferro Alloys Ltd., At: Bomikhal, P.O. Rasulgarh, Bhubaneswar – 751010, Odisha.
Ostapal	Vill. Gurujangai Distt. Jajpur Odisha	Ferro Alloys Corporation Ltd., Laxmi Bhawan, Kuans Bhadrak– 756 100, Odisha.
Kaliapani	Vill. Kaliapani Distt. Jajpur Odisha	Balazor Alloys Ltd., Balgopalpur, P.O. Rasalpur, Balazor – 756 020, Odisha.

K) Contribution of above Chromite Mines in 2012-13:

Quantity (Th. Tonnes)	2408
Percentage Share to All-India Production	82

CLAY (Others)

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	N.A.	N.A.

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2012	:	No. of Leases	Lease Area
(Area in Hectares)		106	1270.34

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	35(28)	51(37)	1417684	1987136
Private Sector	35(28)	51(37)	1417684	1987136
Captive	3(3)	4(5)	712827	760317
Non-Captive	32(25)	47(32)	704857	1226819
'A' Category	1(3)	1(3)	602021	680476
'B' Category	34(25)	50(34)	815663	1306660
STATES				
Andhra Pradesh	10(11)	12(9)	99919	146672
Gujarat	16(8)	26(18)	877579	1271165
Madhya Pradesh	(8)	(7)	426256	410147
Rajasthan	6	9(2)	50	150232
Others	3(1)	4(1)	13880	8920

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	1220783	1056273	730752	1417684	1987136
Value (Rs. '000)	80499	71294	70342	128017	228715

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)		50932	162181	52312	224376	250804

F) Employment :

No. of Persons Employed per Day	279	392
Percentage Share of Employment to Total for MCDR Minerals	0.20	0.29

Figures in parentheses indicate associated mines.

H) Exports/Imports Trend :

I) Exports/Imports by Country in 2012-13 :

J) Five Principal Clay (Others) Mines in 2012-13 :

K) Contribution of above Mines in 2012-13 :

Percentage Share to All-India Production 47

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COPPER ORE & CONCENTRATES

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010			
(Th. Tonnes)			
a) Ore	394372	1164086	1558458
b) Metal	4768	7518	12287
Life Index (Years)			
(Ore)			226

B) Mining Leases as on 31-3-2012	No. of Leases	Lease Area
Ore (Area in Hectares)	17	9960.09

C) Mines Reporting Production :

	No. of Mines		Production(Th.tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
India	4	5		
Ore			3479	3639
Concentrates			130	124
Public Sector	4	5		
Ore			3479	3639
Concentrates			130	124
Captive	4	5		
Ore			3479	3639
Concentrates			130	124
'A' Category	4	5		
Ore			3479	3639
Concentrates			130	124

STATES	No. of Mines		Production (Th. Tonnes)			
	2011-12	2012-13	2011-12		2012-13 ^(p)	
			Qty.	Cu%	Qty.	Cu%
Jharkhand	1	2				
Ore			396	0.95	399	0.93
Concentrates			14	25.24	13	25.47
Madhya Pradesh	1	1				
Ore			2083	1.02	2257	0.91
Concentrates			75	27.17	68	27.60
Rajasthan	2	2				
Ore			1000	0.87	983	0.84
Concentrates			41	18.01	43	17.19

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)					
Ore	3452	3271	3602	3479	3639
Concentrates	138	125	137	130	124
Value (Rs.'000)					
Concentrates	4091113	3809462	4733515	5385751	6307619

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)	Ore	38	38	55	63	115
	Concentrates	6	26	29	12	17

F) Employment :

No. of Persons Employed per Day	2774	2918
Percentage Share of Employment to Total for MCDR Minerals	1.97	2.14

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend :

Exports (Ores & Concentrates)	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	19701	20	30
Value (Rs. Crore)	-	-	139.01	0.01	0.34
Percentage Share to the Value of Exports of All Minerals	-	-	0.1	++	++
Imports (Ores & Concentrates)					
Quantity (Tonnes)	2264732	2187460	1902026	2124501	2296421
Value (Rs. Crore)	17822.11	18967.58	20023.45	26451.02	30970.44
Percentage Share to the Value of Imports of All Minerals	3.46	3.61	3.0	2.8	2.8

I) Exports/Imports by Country in 2012-13:

Exports	Italy	U S A	Sierra Leone	Saudi Arab	Sri Lanka	Others
Quantity (Tonnes)	20	6	1	1	1	1
Value (Rs. Crore)	0.25	0.07	0.01	++	++	0.01
Imports	Chile	Australia	Indonesia	Brazil	Peru	Others
Quantity (Tonnes)	1078486	449283	228735	143814	77878	318225
Value (Rs. Crore)	14336.54	6856.47	3165.46	1758.17	822.31	4031.49

J) Copper Conc. Mines in 2012-13:

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. Singhbhum (East) Jharkhand	
Kendadih	Vill. Terenga Distt. Singhbhum (East) Jharkhand	

K) Contribution of above Mines in 2012-13:

Quantity (Th. Tonnes) (Copper Conc.)	124
Percentage Share to All-India Production	100

CORUNDUM

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Tonnes)	: 597	740194	740792

Life Index (Years) : Very Large

B) Mining Leases as on 31-3-2012 (Area in Hectares)	: No. of Leases 17	Lease Area 247.80
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C) **Mines Reporting Production** :

	No. of Mines		Production (Kg.)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	(1)	1	37000	-
Private Sector	(1)	1	37000	-
Non-captive	(1)	1	37000	-
'B' Category	(1)	1	37000	-
STATES				
Andhra Pradesh	-	1	-	-
Maharashtra	(1)	-	37000	-

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity(Kg.)	21000	6600	-	37000	-
Value (Rs.'000)	63	20	-	130	-

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Kg.)		33450	10490	3490	6860	-

F) **Employment** :

No. of Persons Employed per Day	*	5
Percentage Share of Employment to Total for MCDR Minerals	-	++

* Associated with kyanite. ++ : Negligible.
Figures in parentheses indicate associated mine.

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		210	170	170	240	240

H) Exports/Imports Trend :

Exports (Corundum (Natural))	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	2312	6807	412	-	-
Value (Rs. Crore)	0.98	3.41	0.25	-	-
Percentage Share to the Value of Exports of All Minerals	++	++	++	-	-
Imports (Corundum (Natural))					
Quantity (Tonnes)	-	++	-	-	-
Value (Rs. Crore)	-	0.01	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	++	-	-	-

I) Exports/Imports by Country in 2012-13 :

Exports (Corundum(Natural))	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports (Corundum(Natural))	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Corundum Mine in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
No mines reported production		

K) Contribution of above Mine in 2012-13 :

Quantity (Kg.)	-
Percentage Share to All-India Production	-

DIAMOND

Items		Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Carats)	:	1045	30877	31922
Life Index (Years)	:			137

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases	Lease Area
		2	275.96

C) Mines Reporting Production :

	No. of Mines		Production (Carats)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	2	2	18490	31989
Public Sector	2	2	18490	31989
Non-captive	2	2	18490	31989
'A' Category	1	1	18000	31451
'B' Category	1	1	490	538
STATE				
Madhya Pradesh	2	2	18490	31989

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Carats)	536	16891	11222	18490	31989
Value (Rs.'000)	4537	116279	106776	198240	366471

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Carats)		-	7122	1953	16814	18844

F) Employment :

No. of Persons Employed per Day		167	180
Percentage Share of Employment to Total for MCDR Minerals		0.12	0.13

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend :

Exports (Mostly Cut) @	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Carats)	*	66091	78951	62654	65425
Value (Rs. Crore)	72092.02	85125.64	134064.04	133880.90	126565.89
Percentage Share to the Value of Exports of All Minerals	66	66.6	76.9	76.4	79.2
Imports (Mostly Cut) @					
Quantity (Th. Carats)	*	130101	182227	152811	135729
Value (Rs. Crore)	74841.71	74299.13	152657.32	132180.97	117567.81
Percentage Share to the Value of Imports of All Minerals	14.5	14.2	22.8	14.0	10.5

I) Exports/Imports by Country in 2012-13 :

Exports (Mostly Cut)	Hong Kong	U S A	U A E	Belgium	Israel	Others
Quantity (Th. Carats)	20840	6507	20165	9414	1610	6889
Value (Rs. Crore)	44930.81	27584.17	23468.60	12213.50	6255.31	12113.50
Imports (Mostly Cut)	Belgium	U A E	Hong Kong	U K	Israel	Others
Quantity (Th. Carats)	64892	32307	11974	9495	3989	13072
Value (Rs. Crore)	44900.33	29835.24	18908.79	6526.58	6483.80	10913.07

J) Diamond Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Majhgawan	Vill. Majgawan 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 2012-13 :

Quantity (Carats)	31989
Percentage Share to All-India Production	100

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

* Quantity figures not given due to partial coverage.

DIASPORE

Items		Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	2860	3125	5985
(Th. Tonnes)				
Life Index (Years)	:			207

B) Mining Leases as on 31-3-2012	:	No. of Leases	Lease Area
(Area in Hectares)		12	94.38

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13 ^(p)	2011-12	2012-13 ^(p)
INDIA	(18)	(13)	23818	16030
Private Sector	(18)	(13)	23818	16030
Captive	(5)	(5)	2346	2371
Non-captive	(13)	(8)	21472	13659
‘B’ Category	(18)	(13)	23818	16030
STATES				
Madhya Pradesh	(10)	(8)	12115	7275
Uttar Pradesh	(8)	(5)	11703	8755

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	24642	25569	26082	23818	16030
Value (Rs.’000)	23384	27422	32003	35654	24896

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)		4644	5380	6905	6293	6436

F) Employment :

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

Figures in parentheses indicate mines associated with pyrophyllite.

* Associated with pyrophyllite mines.

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		15300	13100	14000	9100	9100

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13 :

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Five Principal Diaspore Mines* in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Puradhankuan*	Vill- Puradhankuan Distt. Lalitpur Uttar Pradesh	The Ishwar Industries Limited, Room No-1, 'Charan Kamal', 7, Ishwar Nagar, Mathura Road, New Delhi – 110 065.
Bijri*	Vill- Bijri Distt. Lalitpur Uttar Pradesh	J.K. Minerals 195, Laxman Ganj, C-1 & C-2 Industrial Estate, Gwalior Road, Jhansi– 284 003, Uttar Pradesh.
Sarkana*	Vill-Sarkana Distt. Chhatarpur Madhya Pradesh	Jindutt Minerals (p) Ltd. P.O: Box No- 27, Chhatarpur – 471 001, Madhya Pradesh.
Garhi- II(4.540 HA)*	Vill- Garhi Distt. Chhatarpur Madhya Pradesh	Eastern Minerals 35, Vivekanand Marg, Cantonment Area, Jhansi– 284 001, Uttar Pradesh.
Garhi- II(2.280 HA)	Vill- Garhi Distt. Chhatarpur Madhya Pradesh	Khajuraho minerals, P.O.- No-25, Chhatarpur – 471 001. Madhya Pradesh.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	13148
Percentage Share to All-India Production	82

* Associated with pyrophyllite.

DOLOMITE

Items		Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Million tonnes)	:	738	6992	7730
Life Index (Years)	:			396
B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 542	Lease Area 7669.75	
C) Mines Reporting Production	:			

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	194 (62)	179(42)	5969	6713
Public Sector	6 (1)	6(1)	2111	1943
Private Sector	188 (61)	173(41)	3858	4770
Captive	5(1)	5(1)	1967	1922
Non-captive	189 (61)	174(41)	4002	4791
‘A’ Category	6 (3)	7(3)	2556	2325
‘B’ Category	188 (59)	172(39)	3413	4388
STATES				
Andhra Pradesh	39 (18)	35(15)	1299	1549
Chhattisgarh	38	39	1625	1873
Gujarat	20(1)	19(1)	335	391
Jharkhand	1(1)	1	207	300
Karnataka	17 (18)	17(14)	560	625
Madhya Pradesh	68 (4)	60(1)	460	585
Odisha	4 (5)	3(4)	1115	888
Others	7 (15)	5(7)	368	502

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	5509	5912	5840	5969	6713
Value (Rs. '000)	1554731	1672224	1870047	1737037	2131604

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		1676	1689	1732	2290	2210

F) Employment	:					
No. of Persons Employed per Day					3426	3419
Percentage Share of Employment to Total for MCDR Minerals					2.43	2.51

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

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)		5694	5555	5802	6239	6329

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	18892	18707	26801	40254	28948
Value (Rs. Crore)	4.83	4.66	6.52	11.18	13.19
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	10119	450979	611833	1594573	1859996
Value (Rs. Crore)	11.11	99.12	139.52	201.07	252.91
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	Nepal	Bangladesh	Malaysia	Oman	UAE	Others
Quantity (Tonnes)	10355	9669	5330	561	860	2173
Value (Rs. Crore)	4.17	3.60	3.60	0.46	0.39	0.97
Imports	UAE	Thailand	Philippines	Italy	Brazil	Others
Quantity (Tonnes)	1139424	495863	136890	6901	48761	32157
Value (Rs. Crore)	138.69	65.92	18.02	17.96	5.87	6.45

J) Five Principal Dolomite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Hirri	Vill. Pendidih, 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– 530031. (A.P.)
Kamalapuram*	Vill. Malkapuram Distt. Kurnool Andhra Pradesh	Southwest Mining Ltd. Talur cross, Vidya Nagar(Post), Torangallu, Sandur-583275. Karnataka.
Gomardih	Vill. Gomardih Distt. Sundargarh Odisha	Tata Steel Ltd., Bombay House, 24 Homi Mody Street, Mumbai – 400001.
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 2012-13 :

Quantity (Th. Tonnes)	2395
Percentage Share to All-India Production	36

* Associated with limestone.

DUNITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	17137	168232	185369

Life Index (Years) : Very Large

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases	Lease Area
	1	14.28

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	1(4)	1(4)	38774	86495
Public Sector	1(1)	1(1)	32937	69795
Private Sector	(3)	(3)	5837	16700
Captive	1(2)	1(2)	36497	84945
Non-captive	(2)	(2)	2277	1550
‘A’ Category	(2)	(2)	32887	76195
‘B’ Category	1(2)	1(2)	5887	10300
STATES				
Karnataka	1	1	3610	8750
Tamil Nadu	(4)	(4)	35164	77745

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	50935	71642	23716	38774	86495
Value (Rs.’000)	23482	19281	6879	25450	75777

E) Closing Stock	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	5623	7042	9845	11204	15506

F) Employment :

No. of Persons Employed per Day	7	10
Percentage Share of Employment to Total for MCDR Minerals	++	0.01

Figures in parentheses indicate mines associated with magnesite.

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		4600	5300	4200	6100	10800

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Dunite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
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.	B.B. Mehta, B-9/6451, Vasantkunj, New Delhi – 110 070.
Kenchapura	Vill. Kenchapura Distt. Chikmagalur Karnataka.	Steel Authority Of India Ltd., Ispat Bhavan, Lodhi Road, New Delhi – 110 003
Shankar Magnesite*	Vill. Pungandurai Distt. Erode Tamil Nadu.	Shri. A.S. Shankarganesan 22-A, Kumar Nagar South, 3 rd Street, Gandhi Nagar, Tiruppur – 641 603, T.N.
Thennilai East* (1.87)	Vill. Thennilai Distt. Karur Tamil Nadu.	Sri Bhuvaneswari Magnesite Mine, 48, No.1 Sreerangam Street, Dadagapatty, Salem – 636 006, Tamil Nadu.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	86495
Percentage Share to All-India Production	100

* Associated with magnesite.

EMERALD

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	-----Not Estimated-----	

Life Index (Years)	:	N.E.
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B) Mining Leases as on 31-3-2012	:	No. of Leases	Lease Area
(Area in Hectares)		N.A.	N.A.

C) Mines Reporting Production :

	No. of Mines		Production (Kg.)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	No Production reported			
Private Sector	- do -			
Non-Captive	- do -			
'B' Category	- do -			
STATE				
Rajasthan	- do -			

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Kg.)	-	-	-	-	-
Value (Rs. '000)	-	-	-	-	-

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Kg.)		-	-	-	-	-

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

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend :

Exports (Uncut/Cut)	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Kg.)	*	*	*	*	*
Value (Rs. Crore)	480.05	482.64	363.50	544.75	2678.73
Percentage Share to the Value of Exports of All Minerals	0.4	0.4	0.2	0.3	1.7
Imports (Uncut/Cut)					
Quantity (Kg.)	*	*	*	*	*
Value (Rs. Crore)	369.3	390.56	495.71	1062.74	3746.43
Percentage Share to the Value of Imports of All Minerals	0.1	0.1	0.1	0.1	0.3

I) Exports/Imports by Country in 2012-13 :

Exports	U A E	Hong Kong	U S A	Thailand	Japan	Others
Quantity (Kg.)	*	*	*	*	*	*
Value (Rs. Crore)	1709.06	593.98	138.23	57.30	26.07	154.09
Imports	U A E	Hong Kong	Thailand	Zambia	Singapore	Others
Quantity (Kg.)	*	*	*	*	*	*
Value (Rs. Crore)	1883.53	1408.63	101.39	71.5	67.76	213.62

J) Emerald Mine in 2012-13 : Nil

K) Contribution of above Mine in 2012-13 :

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) Total Resources 1-4-2010 :	N.A.	N.A.	N.A.

Life Index (Years) :	N.E.
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B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area
(Area in Hectares)	6	102.29

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	3	5	1117	1196
Private Sector	3	5	1117	1196
Non-captive	3	5	1117	1196
'B' Category	3	5	1117	1196
STATE				
Karnataka	3	5	1117	1196

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	1238	3049	1670	1117	1196
Value (Rs. '000)	1367	2464	2420	2590	1346

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	2638	5675	6404	4547	4810

F) Employment :

No. of Persons Employed per Day	22	43
Percentage Share of Employment to Total for MCDR Minerals	0.02	0.03

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Felsite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Sadanahally ML 1264	Vill. Sadanahally Distt. Mysore Karnataka	B.C. Muddu Madappa New Mysore Industries, 196, 23 rd Cross, 6 th Block, Jayanagar, Bangalore, Karnataka.
Sadanahally ML 2125	Vill. Sadanahally Distt. Mysore Karnataka	B.C. Muddu Madappa New Mysore Industries, 196, 23 rd Cross, 6 th Block, Jayanagar, Bangalore, Karnataka.
Sadanahally ML 1240	Vill. Sadanahally Distt. Mysore Karnataka	Smt. S.Rajee V. Raman, Flat No.G-2, "Srivara Krishan", 3 rd Main Road V.V.Mohalla, Mysore, Karnataka.
Belagala ML 2497	Vill. Majjigepura Distt. Mandya Karnataka	J. Madhu, No – 164, KRS Road, Mogarahally, Distt. Mandya-571438, Karnataka.
Mogarahally-2331	Vill. Mogarahally Distt. Mandya Karnataka	Smt. S.Rajee. V.Raman, Flat No.G-2, "Srivara Krishan", 3 rd Main Road V.V.Mohalla, Distt.-Mysore, Karnataka.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	1196
Percentage Share to All-India Production	100

FELSPAR

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	44503	87832	132335
Life Index (Years)	:		115
B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases		Lease Area
	890		11766.22
C) Mines Reporting Production	:		

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	123(106)	203(148)	835526	1291493
Public Sector	2(1)	2(1)	2629	12078
Private Sector	121(105)	201(147)	832897	1279415
Non-Captive	123(106)	203(148)	835526	1291493
“A” Category	(1)	2(1)	229	7433
“B” Category	123(105)	201(147)	835297	1284060
STATES				
Andhra Pradesh	23(26)	38(48)	289261	445001
Jharkhand	3 (7)	4(6)	15265	7088
Karnataka	1	1	-	-
Rajasthan	95(42)	159(50)	488365	789444
Tamil Nadu	1 (30)	1(42)	37604	36400
West Bengal	(1)	(2)	5031	13560

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	534032	496997	546472	835526	1291493
Value (Rs. '000)	97651	98648	154676	255408	383189

E) Closing stock	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)	213109	219497	229515	384689	567588

F) Employment :

No. of Persons Employed per Day	973	2036
Percentage Share of Employment to Total for MCDR Minerals	0.69	1.49

Figures in parentheses indicate number of associated mines with asbestos, mica (crude), quartz and wollastonite

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)		332	334	427	440	452

H) Exports/Imports Trend :

Exports (Felspar (Natural))	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	337644	315549	351266	394277	566257
Value (Rs. Crore)	92.41	107.42	118.79	151.80	189.04
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)	19.12	5.06	1.28	5.87	4.24
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Felspar (Natural))					
Quantity (Tonnes)	290	7281	20409	41627	59956
Value (Rs. Crore)	0.39	3.21	6.41	16.89	25.22
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++
Imports (Felspar (Cut & Uncut))	*	*	*	*	*
Value (Rs. Crore)	0.41	0.16	0.65	0.32	0.36
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports (Natural)	Indonesia	Bangladesh	Vietnam	U A E	Iran	Others
Quantity (Tonnes)	64375	66463	35238	41380	29304	329497
Value (Rs. Crore)	33.73	23.95	19.66	18.72	17.06	75.92
Imports (Natural)	Thailand	China P Rp	Mongolia	Bangladesh	U A E	Others
Quantity (Tonnes)	52690	3564	1158	1236	199	1109
Value (Rs. Crore)	15.08	5.51	2.35	0.48	0.43	1.37

J) Five Principal Felspar Mines in 2012-13 :

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.
Elikatta*	Vill. Elikatta Distt. Mahbubnagar Andhra Pradesh	M. Muralidhar H. No. 3-75, Rayavaram Village, Proddutoor, Kaddapa – 516 362. (A.P.)
Dolphin	Vill. Sankireddypalli Distt. Mahaboobnagar Andhra Pradesh	Dolphin Feldspar Pvt. Ltd 6-3-1239/2/A, Kotis Court, 4 th floor, Rajbhavan Road, Somajiguda – 500 082. (A.P.)
Avinash ki Dhani	Vill. Avinash ki Dhani Distt. Sikar Rajasthan	Mahendra Kumar Goyal Ward No.4,Shahpura Road,Neem ka Thana, Distt: Sikar – 332 713, Rajasthan.
Jugalpura	Vill.- Jugalpura Distt. Pali Rajasthan	Hitesh Goyal Jaitaran Nagori gate, Pali – 306 302, Rajasthan.

K) Contribution of above Mines in 2012-13:

Quantity (Tonnes)	355988
Percentage Share to All-India Production	28

* Associated mine with quartz.

FIRECLAY

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	: 30104	683415	713519
Life Index (Years)	:		223
B) Mining Leases as on 31-3-2012 (Area in Hectares)	: No. of Leases 269	Lease Area 5520.78	

C) **Mines Reporting Production :**

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	83(15)	69(22)	983	817
Public Sector	1(1)	1(1)	5	7
Private Sector	82(14)	68(21)	978	810
Captive	1	-	2	-
Non-captive	82(15)	69(22)	981	817
'A' Category	(2)	(2)	19	24
'B' Category	83(13)	69(20)	964	793
STATES				
Andhra Pradesh	16 (1)	14(2)	56	28
Chhattisgarh	1	1	3	3
Gujarat	10	7(1)	120	37
Jharkhand	9	7	86	112
Karnataka	1 (1)	1(1)	5	16
Madhya Pradesh	12 (5)	6(4)	67	52
Maharashtra	2	1	9	8
Rajasthan	12(2)	10(2)	448	323
Tamil Nadu	14	16(3)	107	144
West Bengal	6(6)	6(9)	82	94

D) **Production Trend :**

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. tonnes)	496	549	857	983	817
Value (Rs.'000)	83417	89680	136668	158016	152309

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		350	255	395	276	368

F) **Employment :**

No. of Persons Employed per Day	915	773
Percentage Share of Employment to Total for MCDR Minerals	0.65	0.57

Figures in parentheses indicate number of associated mines with bauxite, kaolin, laterite and ochre.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	534	546	524	535	523

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	5590	9315	8624	9622	36218
Value (Rs. Crore)	1.97	2.37	2.26	3.09	5.87
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	121	43	689	269	1610
Value (Rs. Crore)	0.49	0.07	1.09	0.52	2.24
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	Qatar	Bangladesh	Australia	Nepal	Singapore	Others
Quantity (Tonnes)	29700	3954	610	216	321	1417
Value (Rs. Crore)	3.60	0.76	0.32	0.24	0.20	0.75
Imports	China P Rp	U S A	Turkey	Hong Kong	U A E	Others
Quantity (Tonnes)	1576	15	18	1	++	++
Value (Rs. Crore)	2.18	0.03	0.03	++	++	++

J) Five Principal Fireclay Mines in 2012-13 :

Name Of Mine	Location Of Mine	Address Of Mine Owner
Indo-Ka-Bala (MI 11/93)	Vill. Indo-Ka-Bala Distt. Bikaner Rajasthan	Sampat Lal Daga. Labhuji Ka Katla, First Floor, Bagree Mohalla Distt. Bikaner – 334 001, Rajasthan.
Chandi Mine (ML 4/72)	Vill. Golri Distt. Bikaner Rajasthan	Sampat Lal Daga. Labhuji Ka Katra, First Floor, Bagree Mohalla Distt. Bikaner – 334 001, Rajasthan.
Nawada Ghutami-I	Vill. Nawada Distt. Latehar Jharkhand	Parijat Mining Industries, Opposite Shivaji Maidan Road, Distt. Palamu, Jharkhand.
Mudh Kotri (ML 9/93)	Vill. Kotri Distt. Bikaner Rajasthan	Smt. Rama Devi Sharma, 99/100, Industrial Area Road No.9, Rani Bazar, Distt. Bikaner – 334 001, Rajasthan.
Deh Fireclay mine (ML. 17/5)	Vill. Deh Distt. Bikaner Rajasthan	Saurabh Chandana, Rathkhana Colony, Bikaner – 334 001, Rajasthan.

K) Contribution of above Mines in 2012-13 :

Quantity (Th. Tonnes)	321
Percentage Share to All-India Production	39

FLUORITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	: 4712	13502	18214
Life Index (Years)	:		Very large

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 16	Lease Area 1670.71
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	3	2	5010	3107
Public Sector	3	2	5010	3107
Captive	1	1*	1920	-
Non-captive	2	1	3090	3107
'A' Category	1	1	1920	-
'B' Category	2	1	3090	3107
STATES				
Gujarat	1	1	1920	-
Maharashtra	1	1	2894	3107
Rajasthan	1	-	196	-

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	3176	105232	59954	5010	3107
Value (Rs.'000)	15626	81558	50147	12270	13448

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes) (Graded)		1334	49148	96891	91576	91366

F) **Employment** :

No. of Persons Employed per Day	104	67
Percentage Share of Employment to Total for MCDR Minerals	0.07	0.05

* only labour reported

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		70000	70500	69900	97800	65700

H) Exports/Imports Trend :

Exports (Fluorite)	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	203	2024	390	484	1195
Value (Rs. Crore)	0.17	1.81	0.43	1.09	2.22
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Fluorite)					
Quantity (Tonnes)	153749	147138	161925	183662	98043
Value (Rs. Crore)	255.87	197.15	233.40	463.97	224.19
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports (Fluorite)	Indonesia	Bangladesh	Kuwait	Brazil	Israel	Others
Quantity (Tonnes)	272	626	104	74	40	79
Value (Rs. Crore)	1.07	0.45	0.20	0.18	0.15	0.17
Imports (Fluorite)	China P Rp	Kenya	S. Africa	Thailand	Mongolia	Others
Quantity (Tonnes)	63545	10337	10674	6970	1500	5017
Value (Rs. Crore)	149.71	24.92	24.59	10.73	2.88	11.36

J) Fluorite Mines in 2012-13:

Name of Mine	Location of Mine	Address of Mine Owner
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 2012-13:

Quantity (Tonnes)	3107
Percentage Share to All-India Production	100

GARNET

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	19325	37638	56963
Life Index (Years)			14
B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases		Lease Area
Abrasive	102		1110.35
Gem	2		17.08

C) **Mines Reporting Production :**

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
Garnet (Abrasive)				
INDIA	67 (1)	56(1)	1717904	1277971
Public Sector	1 (1)	1(1)	31688	34137
Private Sector	66	55	1686216	1243834
Captive	14	14	75414	102719
Non-captive	53 (1)	42(1)	1642490	1175252
'A' Category	2 (1)	2(1)	81153	102857
'B' Category	65	54	1636751	1175114
STATES				
Andhra Pradesh	2	2	54213	85581
Odisha	(1)	(1)	19889	23898
Rajasthan	-	1	-	614
Tamil Nadu	65	53	1643802	1167878

D) **Production Trend :**

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity Garnet (Abrasive) (Tonnes)	1151241	1580617	2126337	1717904	1277971
Value (Rs.'000)	565937	763377	1274864	981625	1262859

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity Garnet (Abrasive) (Tonnes)		360597	272838	383012	393722	50777

F) Employment	:					
No. of Persons Employed per Day				3507	2768	
Percentage Share of Employment to Total for MCDR Minerals				2.49	2.03	

Figures in paranthesis indicate associated mine with sillimanite.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	1015	899	1409	1917	1917

H) Exports/Imports Trend:

Exports (Garnet (Abrasive))	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	252478	171420	228663	428716	505281
Value (Rs. Crore)	193.99	147.07	172.62	350.10	510.87
Exports (Garnet (Cut & Uncut))					
Quantity (Kg.)	*	*	*	*	*
Value (Rs. Crore)	7.65	13.7	1.85	4.25	4.98
Percentage Share to the Value (Abrasive)	0.2	0.1	0.1	0.2	0.3
of Exports of All Minerals (Cut & Uncut)	++	++	++	++	++
Imports (Garnet (Abrasive))					
Quantity (Tonnes)	332	20	357	314	1115
Value (Rs. Crore)	0.65	++	0.75	0.55	1.98
Imports (Garnet (Cut & Uncut))					
Quantity (Kg.)	*	*	*	*	*
Value (Rs. Crore)	4.05	2.38	1.61	5.35	11.79
Percentage Share to the Value (Abrasive)	++	++	++	++	++
of Imports of All Minerals (Cut & Uncut)	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports (Garnet (Abrasive))	U A E	U S A	Kuwait	Qatar	Germany	Others
Quantity (Tonnes)	114734	86352	24483	23228	23582	232902
Value (Rs. Crore)	116.99	86.22	25.72	25.64	23.65	232.65
Exports (Garnet (Cut & Uncut))	Thailand	Russia	Singapore	Hong Kong	Czech Rep	Others
Quantity (Kg.)	*	*	*	*	*	*
Value (Rs. Crore)	1.79	0.79	0.70	0.58	0.52	0.60
Imports (Garnet (Abrasive))	U Arab Emts		Norway		Germany	
Quantity (Tonnes)	752		363		++	
Value (Rs. Crore)	1.21		0.77		++	
Imports (Garnet (Cut & Uncut))	Thailand	Hong Kong	South Africa	China P Rp	Tanzania	Others
Quantity (Kg.)	*	*	*	*	*	*
Value (Rs. Crore)	7.60	2.05	0.42	0.39	0.39	0.94

J) Principal Garnet Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Garnet (Abrasive)		
K. Pudur (G.O. No. 185)	Vill. Karaichuthupudur Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikarantattu, Tisaiyanvilai – 627 657, Distt. Tirunelveli, Tamil Nadu.
Thiruvembalapuram (G.O. No. 829)	Vill. Thiruvembalapuram Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikarantattu, Tisaiyanvilai – 627 657, Distt. Tirunelveli, Tamil Nadu.
Srikurmam	Vill. Vatsavalasa & Tonangi Distt. Srikakulam Andhra Pradesh	Trimex Sands Private Limited, Trimex Towers, No.1, Subbaraya Avenue, C. P. RamaSwamy Road, Alwarpet, Chennai – 600 018, Tamil Nadu.
Vijayapathy (Proc. No. 4640)	Vill. Vijayapathy Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikarantattu, Tisaiyanvilai – 627 657, Distt. Tirunelveli, Tamil Nadu.
Vijayapathy (Proc. No. 7885)	Vill. Vijayapathy Distt. Tirunelveli Tamil Nadu	V.V. Mineral, Keeraikarantattu, Tisaiyanvilai – 627 657, Distt. Tirunelveli, Tamil Nadu.

K) Contribution of above Mines in 2012-13 :

Garnet (Abrasive) Quantity (Tonnes) 519299

Percentage Share to All-India Production 41

* Quantity figures not given due to partial coverage.

GOLD

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :			
Primary Ore (Th. Tonnes)	24125	469570	493695
Metal (Tonnes)	111	549	660
Life Index (Years) (Ore) :			241
B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area	
(Area in Hectares)	12	6753.31	

C) Mines Reporting Production :

	No. of Mines		Production	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	4	4		
Ore (Th. Tonnes)			492	471
Gold Bullion (Kg.)			2194	1588
Primary			2194	1588
Primary				
Public Sector	3	3		
Ore (Th. Tonnes)			485	467
Gold Bullion (Kg.)			2183	1583
Private Sector	1	1		
Ore (Th. Tonnes)			7	4
Gold Bullion (Kg.)			11	5
Captive	4	4		
Ore (Th. Tonnes)			492	471
Gold Bullion (Kg.)			2194	1588
'A' Category	3	3		
Ore (Th. Tonnes)			485	467
Gold Bullion (Kg.)			2183	1583
'B' Category	1	1		
Ore (Th. Tonnes)			7	4
Gold Bullion (Kg.)			11	5
STATES				
Jharkhand	1	1		
Ore (Th. Tonnes)			7	4
Gold Bullion (Kg.)			11	5
Karnataka	3	3		
Ore (Th. Tonnes)			485	467
Gold Bullion (Kg.)			2183	1583

D) Production Trend :

Quantity	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Ore (Th. Tonnes)	587	518	742	492	471
Gold Bullion (Kg.)	2438	2084	2399	2194	1588
Value (Rs.'000)					
Gold Bullion	3152620	3425814	4345197	5311592	4607379

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Ore) (Th. Tonnes)	139	241	408	378	318

F) Employment :					
No. of Persons Employed per Day				3100	3129
Percentage Share of Employment to Total for MCDR Minerals				2.20	2.29

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Metal) (Kg.)	3680	22990	34595	169126	97435
Value (Rs. Crore)	128.93	982.72	427.55	1979.94	23989.46
Percentage Share to the Value of Exports of All Metals	0.2	1.7	0.5	1.9	17.2
Imports					
Quantity (Metal) (Kg.)	745306	851023	969738	1078354	1013703
Value (Rs. Crore)	92100.06	135883.20	184728.75	269900.71	292153.04
Percentage Share to the Value of Imports of All Metals	46.2	63.4	64.4	64.5	65.8

I) Exports/Imports by Country in 2012-13 :

Exports	U A E	Belgium	Canada	U S A	Hong Kong	Others
Quantity (Metal) (Kg.)	85396	12000	14	8	1	16
Value (Rs. Crore)	23947.16	37.43	3.61	0.96	0.2	0.1
Imports	Switzerland	U A E	S. Africa	U S A	Australia	Others
Quantity (Metal) (Kg.)	512434	180122	83395	69242	53864	114646
Value (Rs. Crore)	148714.13	52470.82	24269.58	19119.65	14871.57	32707.29

J) Gold Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Hutti	Vill. Hutti Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd. Hutti, Distt. Raichur, Karnataka – 548 115.
Uti	Vill. Uti 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.
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 2012-13 :

Quantity (Kg.) Gold Bullion (Primary)	1588
Percentage Share to All-India	100

GRAPHITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	8032	166818	174850
Life Index (Years)	:		144

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 112	Lease Area 3481.98
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	21	16	153339	132156
Public Sector	1	2	57205	69477
Private Sector	20	14	96134	62679
Captive	1	2	66301	75101
Non-captive	20	14	87038	57055
‘B’ Category	21	16	153339	132156
STATES				
Chattisgarh	1*	-	-	-
Jharkhand	12	10	76175	53276
Karnataka	-	1	-	3241
Odisha	6	3	18859	6530
Tamil Nadu	2	2	58305	69109

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	117767	124625	115697	153339	132156
Value (Rs.'000)	46618	53830	50380	69449	68052

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2011-12^(p)
Quantity (Tonnes)		45144	69666	76640	87722	110345

F) **Employment** :

No. of Persons Employed per Day		316	265
Percentage Share of Employment to Total for MCDR Minerals		0.22	0.19

* only labour reported

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	14100	14400	14600	40700	45500

H) Exports/Imports Trend:

Exports (Graphite (Natural))	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	1909	1048	1205	1683	2304
Value (Rs. Crore)	9.19	8.14	7.97	10.13	15.53
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Graphite (Natural))					
Quantity (Tonnes)	7309	12780	14348	19287	19871
Value (Rs. Crore)	24.73	39.57	46.00	94.43	120.05
Percentage Share to the Value of Imports of All Minerals	++	0.1	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	Germany	U K	Japan	Netherland	Turkey	Others
Quantity (Tonnes)	228	176	442	156	54	1248
Value (Rs. Crore)	3.22	2.84	2.57	2.54	1.14	3.22
Imports	China P Rp	Madagascar	Brazil	Germany	U S A	Others
Quantity (Tonnes)	16465	1098	534	256	375	1143
Value (Rs. Crore)	92.83	7.87	4.78	3.75	3.17	7.65

J) Five Principal Graphite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Sivaganga	Vill. Senthuiyanathapuram Distt. Sivaganga 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
Khamadih	Vill. Murma Distt. Palamau Jharkhand	Orissa Maganese & Mineral Pvt. Ltd. Lansdowne Towers, 6 th Floor, 2/1 A Sarat Bose Road, Kolkata, West Bengal.
Rabda	Vill. Rabda Distt. Palamau Jharkhand	Hemant 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.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	110423
Percentage Share to All-India Production	84

GYPSUM

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	: 39096	1247402	1286498
Life Index (Years) (Gypsum & Selenite)	:		218

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 108	Lease Area 19108.88
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13 ^(p)	2011-12	2012-13 ^(p)
INDIA	38	33	3979	3538
Public Sector	34	32	3963	3538
Private Sector	4	1	16	++
Non-captive	38	33	3979	3538
‘A’ Category	1	-	8	-
‘B’ Category	37	33	3971	3538
STATES				
Gujarat	1	-	++	-
Jammu & Kashmir	2	3	30	42
Rajasthan	33	30	3937	3496
Tamil Nadu	2	-	12	-

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	3877	3370	4918	3979	3538
Value (Rs. '000)	993465	1004631	1475454	1686042	1709725

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		35	15	46	135	200

F) Employment	:					
No. of Persons Employed per Day				334	388	
Percentage Share of Employment to Total for MCDR Minerals				0.24	0.28	

++ : Negligible

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	6139	6567	6984	8114	8122

H) Exports/Imports Trend:

Exports (Gypsum & Plaster)	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	209157	100520	100918	51732	44142
Value (Rs. Crore)	15.77	11.43	13.76	7.85	10.09
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Gypsum & plaster)					
Quantity (Tonnes)	890912	1548701	1697746	2776177	3039607
Value (Rs. Crore)	141.94	221.27	221.30	397.90	475.53
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	Nepal	Bangladesh	Tanzania Rep	Kenya	Sri Lanka	Others
Quantity (Tonnes)	27445	14811	246	299	351	990
Value (Rs. Crore)	5.2	2.33	0.49	0.4	0.32	1.35
Imports	Oman	Thailand	Pakistan	Iran	U S A	Others
Quantity (Tonnes)	1285814	918655	441556	358320	17507	17755
Value (Rs. Crore)	179.31	152.71	63.63	56.74	8.6	14.54

J) Five Principal Gypsum Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
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, Paota, Jhoddhpur – 342 010, Rajasthan.
Larawala	Vill. Larawala Dist. Bikaner Rajasthan	Rajasthan State Mines And Minerals Ltd., C-89-90 Janpath, Lal Kothi Scheme, Jaipur – 302 015, Rajasthan
Got-Mangold	Vill. Got-Mangold 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

K) Contribution of above Mines in 2012-13 :

Quantity (Th. Tonnes)	2483
Percentage Share to All-India Production	70

IOLITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Kg.)	:	N.A.	N.A.

Life Index (Years) : N.E

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 11	Lease Area 104.35
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C) **Mines Reporting Production** :

	No. of Mines		Production (Kg.)	
	2011-12	2012-13 ^(p)	2011-12	2012-13 ^(p)
INDIA	2	2	-	-
Private Sector	2	2	-	-
Non-captive	2	2	-	-
‘B’ Category	2	2	-	-
STATE				
Odisha	2	2	-	-

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Kg.)	163	758	4	-	-
Value (Rs. '000)	50196	40862	40	-	-

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Kg.)	-	151	2199	2203	2203	2150

F) **Employment** :

No. of Persons Employed per Day	107	20
Percentage Share of Employment to Total for MCDR Minerals	0.08	0.01

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Kgs)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Kg.)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Kg.)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

K) Exports/Imports by Country in 2012-13 :

Exports	-
Quantity (Kg.)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Kg.)	-
Value (Rs. Crore)	-

J) Iolite Mine in 2012-13:

Name of Mine	Location of Mine	Address of Mine Owner
No mines reported production		

K) Contribution of above mine in 2012-13:

Quantity (Kg.)	-
Percentage Share to All-India Production	-

IRON ORE AND CONCENTRATES

Items	Reserves	Remaining Resources	Total
A) Recoverable Reserves (Total) :	8115	20411	28526
(Million Tonnes) Hematite (1-4-2010)	8093	9789	17882
Magnetite (1-4-2010)	22	10622	10644
Life Index (Years) :			87
(Includes Hematite & Magnetite)			
B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area	
Iron Ore (Area in Hectares)	798	96946.26	

C) Mines Reporting Production :

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	313(25)	270(14)	168582	136019
Public Sector	36	34(1)	56610	52553
Private Sector	277(25)	236(13)	111972	83466
Captive	27	27	42967	44883
Non-captive	286(25)	243(14)	125615	91136
'A' Category	137(3)	116(2)	126514	103447
'B' Category	176(22)	154(12)	42068	32572
STATES				
Andhra pradesh	40(4)	36(3)	1776	1111
Chhattisgarh	11	11	30457	27941
Goa	69(2)	43(2)	33636	10575
Jharkhand	19(1)	14(1)	19258	18010
Karnataka	67(7)	68	13233	11225
Madhya Pradesh	17(8)	14(5)	1237	1421
Maharashtra	14	11	1539	1193
Odisha	74(3)	71(3)	67414	64308
Rajasthan	2	2	32	235
GRADES				
Lumps (Total)			62799	53888
Below 55% Fe			7433	3184
55% to below 58% Fe			3184	1669
58% to below 60% Fe			2944	2725
60% to below 62% Fe			5501	3356
62% to below 65% Fe			25690	27867
65% Fe and above			18047	15087
Fines (Total)			105383	81808
Below 55% Fe			16824	8229
55% to below 58% Fe			8881	6037
58% to below 60% Fe			5993	3569
60% to below 62% Fe			19635	14869
62% to below 65% Fe			41139	35549
65% Fe and above			12911	13555
Concentrates (Total)			400	323

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	212960	218553	207157	168582	136019
Value (Rs.'000)	285444020	264620052	396141714	383570264	332267357

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)	74601	90767	120630	125655	120369

F) Employment :

No. of Persons Employed per Day	46752	39617
Percentage Share of Employment to Total for MCDR Minerals	33.15	29.04

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

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	85278	86816	96955	105232	110982

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	68904	101531	46890	47153	17823
Value (Rs. Crore)	21725.31	28366.17	21415.69	22184.40	8783.35
Percentage Share to the Value of Exports of All Minerals	19.9	22.2	12.3	12.7	5.5
Imports					
Quantity (Th. tonnes)	69	897	1867	978	3057
Value (Rs. Crore)	61.11	468.11	1028.48	688.58	2577.86
Percentage Share to the Value of Imports of All Minerals	++	0.1	0.2	0.1	0.2

I) Exports/Imports by Country in 2012-13 :

Exports	China P Rp	Japan	Netherland	Korea Rp	Unspecified	Others
Quantity (Th. Tonnes)	15857	1543	165	134	52	72
Value (Rs. Crore)	7548.5	1012.66	94.08	75.96	25.37	26.78
Imports	S. Africa	Baharain Is	Ukraine	Australia	Russia	Others
Quantity (Th. tonnes)	1152	442	373	401	149	540
Value (Rs. Crore)	870.09	453.46	343.79	313.09	139.94	457.49

J) Five Principal Iron ore Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Bailadila Iron Ore Mine Kirandul Complex	Vill. Kirandul Distt. Dantewada Chhatisgarh	National Mineral Development Corp. Ltd. Khanij Bhavan, 10-3-311/A, Castle Hills, Masab Tank, Hyderabad – 500 028 (A.P.)
Bailadila Deposit No 5	Vill. Bacheli Distt. Dantewada Chattisgarh	National Mineral Dev. Corpn. Ltd. Khanij Bhavan, 10-3-311/A, Castle Hills, Masab Tank, Hyderabad – 500 028 (A.P.)
Thakurani Block-B	Vill. Soyabali Distt- Keonjhar Odisha	Sarda Mines Pvt. Ltd. Room No. 64, 6 th Floor, Circular Court, 8, AJC Bose Rd, Kolkata – 700 017, West Bengal.
Joda East	Vill. Joda Distt. Keonjhar Odisha	Tata Steel Limited Bombay House, 24 Homi Mody Street, Fort, Mumbai – 400 001, Maharashtra.
Jajang	Vill-Jajang Distt-Keonjhar Odisha	Rungta Mines Ltd. 8A- Express Tower, 42A – Shakespeare Sarani, Kolkata – 700 017, West Bengal.

K) Contribution of above Mines in 2012-13 :

Quantity (Th. Tonnes)	32681
Percentage Share to All-India Production	24

JASPER

Items		Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	N.A.	N.A.	N.A.

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2012	:	No. of Leases	Lease Area
(Area in Hectares)		5	211.70

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	-	-	-	-
Private Sector	-	-	-	-
Non-captive	-	-	-	-
'B' Category	-	-	-	-
STATE				
Rajasthan	-	-	-	-

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	99	-	-	-	
Value (Rs. '000)	51	-	-	-	

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)		6	-	-	-	

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

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Principal Jasper Mines in 2012-13: Nil

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	-
Percentage Share to All-India Production	-

KAOLIN

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Million Tonnes)	177	2528	2705
Life Index (Years)			323
B) Mining Leases as on 31-3-2010 (Area in Hectares)	No. of Leases 519		Lease Area 16904.36
C) Mines Reporting Production			

	No. of Mines		Production (Th.Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	105 (4)	131(7)	3077	3679
Natural			3001	3570
Processed			76	109
Public Sector	5	5	27	13
Natural			17	4
Processed			10	9
Private Sector	100 (4)	126(7)	3050	3666
Natural			2984	3566
Processed			66	100
Captive	5	7	399	205
Natural			399	205
Processed			-	-
Non-captive	100 (4)	124(7)	2678	3474
Natural			2602	3365
Processed			76	109
'A' Category	8 (1)	10(1)	130	226
Natural			106	208
Processed			24	18
'B' Category	97 (3)	121(6)	2947	3453
Natural			2895	3362
Processed			52	91
STATES				
Andhra Pradesh	11	8	75	50
Natural			75	50
Processed			-	-
Gujarat	35(1)	50(2)	1518	1990
Natural			1483	1956
Processed			35	34
Jharkhand	9(1)	6(1)	123	66
Natural			97	53
Processed			26	13
Kerala	17	20(1)	747	871
Natural			740	865
Processed			7	6
Rajasthan	18(2)	31(3)	512	592
Natural			512	544
Processed			-	48
West Bengal	11	13	92	96
Natural			86	90
Processed			6	6
Others	4	3	10	14
Natural			7	11
Processed			3	3

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)					
Total	2084	2798	2728	3077	3679
Natural	1988	2718	2651	3001	3570
Processed	96	80	77	76	109
Value (Rs. '000)					
Total	641747	676728	737101	652368	991168
Natural	410952	524683	598095	518389	684413
Processed	230795	152045	139006	133979	306755

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		354	412	407	499	728

F) Employment :

No. of Persons Employed per Day		2148	2437
Percentage Share of Employment to Total for MCDR Minerals		1.52	1.79

Figures in parentheses indicate associated mines.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	984	1088	1485	1488	1489

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	120418	160935	112016	184734	191953
Value (Rs. Crore)	47.78	49.08	42.31	58.21	73.68
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	62083	46708	52663	73647	87865
Value (Rs. Crore)	63.2	56.39	63.67	107.83	109.53
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	U A E	Bangladesh	Germany	Iran	Egypt A Rp	Others
Quantity (Tonnes)	135125	24254	4549	4817	1265	21943
Value (Rs. Crore)	17.23	10.74	6.39	4.88	3.03	31.41
Imports	U S A	China P Rp	France	Indonesia	Bulgaria	Others
Quantity (Tonnes)	32789	13924	5267	20290	2473	13122
Value (Rs. Crore)	57.74	14.9	9	5.59	3.97	18.33

J) Five Principal Kaolin Mines in 2012-13 :

Name of Mines	Location of Mines	Address of Mines Owner
Nadapa	Vill. Nadapa Distt. Kutch Gujarat	Vinod P. Solanki Main Bazaar, Junavas, P.O. Madhapar, Taluka- Bhuj, Distt. Kutch, Gujarat.
Melthonnakkal	Vill. Thonnakkal Distt. Thiruvananthapuram Kerala	English Indian Clays Ltd. TC 79/34, Veli Distt. Thiruvananthapuram, Kerala – 695 021.
Mamuara	Vill. Mamuara Distt. Kutch Gujarat	H.D. Enterprises Pvt. Ltd., 101, PoojaComplex 'A', Above ICICI Bank Ltd. P.O. - Bhuj, Distt. Kutch – 370 001. Gujarat.
Mamuara	Vill. Mamuara Distt. Kutch Gujarat	Satish Valji Chhanga & Harilal Hira Jatiya, Mamuara-299/2-4.73.36, Taluka-Bhuj, Distt. Kutch, Gujarat.
Banesti-I	Vill. Banesti Distt. Chittorgarh Rajasthan	Mohd. Sher Khan, Vill. & P.O. Sawa – 312 613, Taluka & Distt. Chittorgarh, Rajasthan.

K) Contribution of above Mines in 2012-13 :

Quantity (Th. Tonnes)	1738
Percentage Share to All-India Production	47

KYANITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	1575	101671	103246
Life Index (Years)			Very Large

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 33	Lease Area 3354.49
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C) **Mines Reporting Production :**

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	3	4	4064	1066
Public Sector	2	2	4064	1058
Private Sector	1*	2	-	8
Non-captive	3	4	4064	1066
‘B’ Category	3	4	4064	1066
STATES				
Jharkhand	1	1	4011	1015
Maharashtra	2	3	53	51
GRADES				
40 % Al ₂ O ₃ & above			49	8
Below 40 % Al ₂ O ₃			4015	1058

D) **Production Trend :**

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	4620	5495	5954	4064	1066
Value (Rs.'000)	5184	5812	6291	4802	1249

E) Closing Stock	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)	2998	2341	1977	8174	8408

F) Employment		
No. of Persons Employed per Day	56	48
Percentage Share of Employment to Total for MCDR Minerals	0.04	0.04

* Reported production of sillimanite and quartzite as an associated mineral

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	8000	3800	4400	3900	3900

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	219	130	3	1	53
Value (Rs. Crore)	0.11	0.23	++	++	0.08
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	200	292	504	260	623
Value (Rs. Crore)	0.45	0.82	1.13	1.48	2.08
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	Belgium				Nepal	
Quantity (Tonnes)	52				1	
Value (Rs. Crore)	0.08				++	
Imports	U S A	Nepal	Japan	Malaysia	Czech Republic	Others
Quantity (Tonnes)	580	18	5	15	2	3
Value (Rs. Crore)	1.45	0.49	0.05	0.04	0.02	0.03

J) Kyanite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Jyoti Pahari	Vill. Jyoti Pahari Distt. Singhbhum East Jharkhand	Jharkhand State Mineral Dev. Corpn. Ltd., Khanij Nigam Bhawan, Nepal House Area, Doranda, Distt. Ranchi – 834 002, Jharkhand.
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 (Mothi) Dist. Bhandara Maharashtra	Pradeep Golchha Gyan Khaneej Gokul, Behind Labour Court, Civil Lines, Nagpur – 440 001, Maharashtra.
Pavri Kyanite Mine(Jamdi)	Vill. Jamdi (Girola) Dist. Bhandara Maharashtra	Pavri Kyanite Mine Salpekar Building, Rani Jhansi Square Post-Sitabuldi, Nagpur – 440 012. Maharashtra.

K) Contribution of above Mines in 2012-13:

Quantity (Tonnes)	1066
Percentage Share to All-India Production:	100

LATERITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	24714	446119.	470833.
Life Index (Years)			12
B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 189	Lease Area 2348.79	
C) Mines Reporting Production			

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	53 (23)	62(17)	2815	3373
Public Sector	2	2	84	62
Private Sector	51(23)	60(17)	2731	3311
Captive	2(1)	2(1)	213	100
Non-captive	51(22)	60(16)	2602	3273
'A' Category	(1)	(1)	22	29
'B' Category	53(22)	62(16)	2793	3344
STATES				
Andhra Pradesh	26 (1)	37(2)	1801	2611
Gujarat	2	3	208	118
Jharkhand	(1)	-	1	-
Karnataka	1	1	150	163
Kerala	3 (1)	2(1)	113	98
Madhya Pradesh	19(20)	18(14)	536	379
Maharashtra	1	1	6	4
Rajasthan	1*	-	-	-
For use in alumina and aluminium metal extraction				
Below 40% Al ₂ O ₃			208	124
For use other than alumina and aluminium metal extraction				
Cement			2593	3248
Abrasive			13	-
Chemical			1	1

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	1237	1301	1220	2815	3373
Value (Rs. '000)	162442	177376	147948	395548	545379

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		106	102	209	870	855

F) Employment :

No. of Persons Employed per Day	625	906
Percentage Share of Employment to Total for MCDR Minerals	0.44	0.66

Figures in parentheses indicate number of associated mines with bauxite, ochre, iron ore and kaolin.

*: Only labour reported.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13 :

Exports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Five Principal Laterite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
U.S.H.P.	Vill. Vanthada Distt. East Godavari Andhra Pradesh	S. Soban Babu, D. No. 23-6-25/A, Lalitha Nagar, Rajahmundry, East Godavari, Andhra Pradesh.
Chinthaluru	Vill. Chinthaluru Distt. East Godavari Andhra Pradesh	P. Ramakrishna(Maheswari Minerals), 1-1-37/1, Kondaiahpalem, Gangeyulu, Vari Street, Near Nakalamma Temple, Kakinada East Godavari, Andhra Pradesh.
VLN Mine	Vill. Belgundi Distt. Belgaum Karnataka	Smt. K. Surya Kumari, (Belgaum Minerals) 91, Vinayak Nagar, Hindalga Road, Belgaum – 591 108, Karnataka
Chinthaluru	Vill. Chinthaluru, Distt. East Godavari Andhra Pradesh	T. Gangadhar Reddy, 69-10-5, Bhaskar Nagar, Near C.T.R.I, Rajahmundry, East Godavari – 533 103, A P.
Vattimeenapally	Vill. Vattimeenapally Distt. Ranga Reddy Andhra Pradesh	S. Tanuja Reddy, 3-6-521, Flat No. 402, Opp: KFC, Gharondamaya Apartment, Himayathnagar Main Road, Hyderabad, A.P.

K) Contribution of above Mines in 2012-13:

Quantity (Th. Tonnes)	1803
Percentage Share to All-India Production	53

LEAD AND ZINC CONCENTRATES

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :			
(Th. Tonnes) a) Ore	108980	576615	685595
b) Lead metal	2245	9304	11549
c) Zinc metal	12453	24212	36665
Life Index (Years) (Lead & Zinc Ore):			44

B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area
(Area in Hectares) (Lead & Zinc Ore)	12	7175.19

C) Mines Reporting Production :

	No. of Mines		Production (Th.tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
India				
Lead & Zinc Ore	6	8	8042	8582
Lead Concentrates			162	184
Zinc Concentrates			1414	1493
Private Sector	6	8		
Lead & Zinc Ore			8042	8582
Lead Concentrates			162	184
Zinc Concentrates			1414	1493
Captive	6	8		
Lead & Zinc Ore			8042	8582
Lead Concentrates			162	184
Zinc Concentrates			1414	1493
'A' Category	6	8		
Lead & Zinc Ore			8042	8582
Lead Concentrates			162	184
Zinc Concentrates			1414	1493

STATES	No. of Mines		Production (Th. Tonnes)					
	2011-12	2012-13	2011-12			2012-13 ^(p)		
			Qty.	Pb%	Zn%	Qty.	Pb%	Zn%
Rajasthan								
Lead & Zinc Ore	6	8	8042	1.77	10.02	8582	1.89	9.94
Lead Concentrates			162	55.42		184	56.55	
Zinc Concentrates			1414		51.38	1493		50.88

D) Production Trend : **2008-09** **2009-10** **2010-11** **2011-12** **2012-13^(p)**

Quantity (Th. Tonnes)					
Lead & Zinc Ore	6681	7102	7540	8042	8582
Lead Concentrates	134	134	148	162	184
Zinc Concentrates	1224	1280	1427	1414	1493
Value (Rs.'000)					
Lead Concentrates	1362744	1765874	2000435	2454497	3291429
Zinc Concentrates	9466647	13058419	17930226	19862214	23958034

E) Closing Stock : **2008-09** **2009-10** **2010-11** **2011-12** **2012-13^(p)**

Quantity (Th. Tonnes)					
Lead & Zinc Ore	109	99	208	30	63
Lead Conc	12	10	18	5	9
Zinc Conc	170	53	68	17	28

F) Employment :

No. of Persons Employed per Day 3980 5736

Percentage Share of Employment to Total for MCDR Minerals 2.82 4.21

G) Domestic Consumption Trend :	2007-08	2008-09	2009-10	2010-11	2011-12
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 :

Exports (Lead Ores & Concentrates)	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	81095	36476	39195	10226	14
Value (Rs. Crore)	564.94	243.46	389.18	139.05	0.03
Exports (Zinc Ores & Concentrates)					
Quantity (Tonnes)	88387	191960	67501	5591	75870
Value (Rs. Crore)	238.92	616.8	284.67	1.42	295.79
Percentage Share to the Value (Lead Ores & conc.)	0.5	0.2	0.2	0.1	++
of Exports of All Minerals (Zinc Ores & conc.)	0.2	0.5	0.2	++	0.2
Imports (Lead Ores & Concentrates)					
Quantity (Tonnes)	5184	6944	9722	30282	56049
Value (Rs. Crore)	19.38	22.33	34.21	191.51	759.06
Imports (Zinc Ores & Concentrates)					
Quantity (Tonnes)	78201	59857	88171	63194	111912
Value (Rs. Crore)	221.8	191.11	341.59	239.65	499.73
Percentage Share to the Value (Lead Ores & conc.)	++	++	++	++	0.1
of Imports of All Minerals (Zinc Ores & conc.)	++	++	0.1	++	++

I) Exports/Imports by Country in 2012-13 :

Exports (Lead Ore & Concentrates)	Bangladesh	Sri Lanka	U A E	Uganda	Djibouti	Others
Quantity (Tonnes)	4	9	1	++	++	++
Value (Rs. Crore)	0.02	0.01	++	++	++	++
Exports (Zinc Ore & Concentrates)	China P Rp	Korea Rp	Japan	U K		
Quantity (Tonnes)	54305	21557	8	++		
Value (Rs. Crore)	211.34	84.44	0.01	++		
Imports (Lead Ore & Concentrates)	Australia	Mexico	Peru	Morocco	U A E	Others
Quantity (Tonnes)	27820	14645	4740	1130	2293	5421
Value (Rs. Crore)	350.07	288.70	78.30	9.89	9.89	22.21
Imports (Zinc Ore & Concentrates)	Peru	Australia	Saudi Arab	Greece	Spain	Others
Quantity (Tonnes)	58939	44443	4729	2784	291	726
Value (Rs. Crore)	271.33	188.03	25.27	11.92	1.13	2.05

J) Principal Lead & Zinc Mines in 2012-13:

Name of Mine	Location of Mine	Address of Mine Owner
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	
Kayar	Vill. Kayar Distt. Ajmer Rajasthan	

K) Contribution of above Mines in 2012-13 :

Quantity (Th. Tonnes)	8526
Percentage share to all India Production	99

LIME KANKAR

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :	N.A.	N.A.	N.A.

Life Index (Years) : (Included in Limestone)

B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area
(Area in Hectares)	19	654.62

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	4	4	311219	217918
Private Sector	4	4	311219	217918
Captive	2	2	310389	217643
Non-captive	2	2	830	275
'A' Category	1	1	76914	83882
'B' Category	3	3	234305	134036
STATES				
Andhra Pradesh	2	2	830	275
Tamil Nadu	2	2	310389	217643

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	434332	335067	383817	311219	217918
Value (Rs. '000)	76167	58754	84903	59469	38529

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	114171	128163	133459	184291	193304

F) Employment :

No. of Persons Employed per Day	31	22
Percentage Share of Employment to Total for MCDR Minerals	0.02	0.02

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Lime Kankar Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Maravarperungudi-II	Vill. Maravarperungudi, Distt. Virudhunagar, Tamil Nadu.	The Ramco Cements Ltd., Auras Corporate Centre, 5 th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai – 600 004, Tamil Nadu.
Maravarperungudi-III	Vill. Suddhamadam & Salukkuvarpatti, Distt. Virudhunagar, Tamil Nadu.	The Ramco Cements Ltd., Auras Corporate Centre, 5 th Floor, 98-A, Dr. Radhakrishnan Road, Mylapore, Chennai – 600 004, Tamil Nadu.
Regati	Vill. Regati, Distt. Vizianagaram, Andhra Pradesh.	D. Kailash Sharma, DFN Colony, Shreeram Nagar, Garividi, Distt. Vizianagaram – 535 101, Andhra Pradesh.
Gobhayam	Vill. Gobhayam, Distt. Vizianagaram, Andhra Pradesh.	D. Kailash Sharma, DFN Colony, Shreeram Nagar, Garividi, Distt. Vizianagaram – 535 101, Andhra Pradesh.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	217918
Percentage Share to All-India Production	100

LIME SHELL

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	N.A.	N.A.

Life Index (Years) : (Included in Limestone)

B) Mining Leases as on 31-3-2012	:	No. of Leases	Lease Area
(Area in Hectares)		37	5109.36

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	6	6	33225	23228
Public Sector	1	1	14975	11497
Private Sector	5	5	18250	11731
Captive	1	1	14975	11497
Non-captive	5	5	18250	11731
'A' Category	1	1	3418	3066
'B' Category	5	5	29807	20162
STATES				
Karnataka	2	-	9689	-
Kerala	3	5	23450	23123
Tamilnadu	1	1	86	105

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	97856	62215	30410	33225	23228
Value (Rs.'000)	73256	50917	32159	40788	39801

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)		2700	950	6911	5157	2524

F) Employment :

No. of Persons Employed per Day	517	568
Percentage Share of Employment to Total for MCDR Minerals	0.37	0.42

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Five Principal Lime Shell Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Vembanad Lake 75-H Muhamma	Vill. Muhamma, Distt. Kottayam, Kerala.	Travancore Cement Ltd., (Govt. of Kerala U/T) Nattakom, Kottayam, Kerala.
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.
Mannancherry 4.9-H	Vill. Mannancherry, Distt. Alapuzha, Kerala.	Muhamma Clam Marketing Society Ltd., Vill. Thanneermukom South, Taluk: Cherthala, Dist: Alapuzha, Kerala – 688 525.
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.
Thanneermukom South	Vill. Thanneermukom South Distt. Alapuzha, Kerala.	Karappuram White Limeshell Vyavasaya Co.op. Society, Vill. Thanneermukom South, Taluk: Cherthala, Dist: Alapuzha, Kerala – 688 525.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	23228
Percentage Share to All-India Production	99.55

LIMESTONE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	14926	170009	184935
(Million Tonnes)			
Life Index (Years)			210
(Includes Lime kankar & Lime shell)			
B) Mining Leases as on 31-3-2012	No. of Leases	Lease Area	
(Area in Hectares)	2109	160875.26	
C) Mines Reporting production			

	No. of mines		Production (in Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	716(4)	723(2)	262568	279736
Public Sector	30	28	13202	12700
Private Sector	686(4)	695(2)	249366	267036
Captive	287	325	232467	246326
Non-Captive	429(4)	398(2)	30101	33410
“A” Category	182	194	211129	220671
“B” Category	534(4)	529(2)	51439	59065
STATES				
Andhra Pradesh	97(2)	99(2)	54602	62115
Chhattisgarh	51	52	20465	20161
Gujarat	106(1)	114	24098	25538
Himachal pradesh	25	19	10801	13051
Jharkhand	18	12	2480	1857
Karnataka	72	64	20276	21072
Madhya Pradesh	119	110	34072	33942
Maharashtra	19	14	12281	11927
Meghalaya	12	14	4216	3893
Odisha	10(1)	8	3136	4058
Rajasthan	25	26	47982	52065
Tamil Nadu	154	183	23643	25203
Others	8	8	4516	4854
GRADES				
Cement			246093	269596
Iron & steel			11757	5811
Chemical			4014	3902
Others			704	427

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity(Th.Tonnes)	221573	232950	246336	262568	279736
Value (Rs. '000)	29219765	32477596	36349567	40768303	43216622

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		9118	12372	11843	13210	12620

F) Employment	:					
No. of Persons Employed per Day				23058	22615	
Percentage Share of Employment to Total for MCDR Minerals				16.35	16.58	

Figures in parentheses indicate number of associated mines with chalk, dolomite and shale.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	159066	160733	191960	206594	211707

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	2123	2406	1035	2691	10798
Value (Rs. Crore)	125.54	153.77	68.38	253.79	269.35
Percentage Share to the Value of Exports of All Minerals	0.1	0.1	++	0.1	0.2
Imports					
Quantity (Th. Tonnes)	3294	3899	5036	8557	10616
Value (Rs. Crore)	431.76	619.18	704.33	1189.05	1596.63
Percentage Share to the Value of Imports of All Minerals	0.1	0.1	0.1	0.1	0.1

I) Exports/Imports by Country in 2012-13 :

Exports	Bangladesh	U K	Bhutan	Ireland	Nepal	Others
Quantity (Th.Tonnes)	10647	20	24	60	10	37
Value (Rs. Crore)	205.59	16.36	8.54	7.49	4.35	27.02
Imports	U A E	Oman	Malaysia	Vietnam	Thailand	Others
Quantity (Th.Tonnes)	7297	2014	348	175	322	460
Value (Rs. Crore)	933.33	257.50	133.75	100.16	72.45	99.44

J) Five Principal Limestone Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Nimbetti	Vill. Nimbetti Distt. Pali Rajasthan	Shree Cement Limited, Post Box No. 33, Bangur Nagar Beawar- 305 901, Ajmer, Rajasthan.
Amli	Vill. Amli and Malap Distt. Sirohi Rajasthan	Binani Cement Ltd., 37/2, Chinar Park, New Town Rajarhat Main Road, P.O. Hatiara Distt.- 24 Parganas North – 700 157, West Bengal.
Rajashree	Vill. Adityanagar Distt. Gulbarga Karnataka	Ultra Tech Cement Ltd., 'B' Wing, Ahura Centre, 2 nd floor, Mahakali Caves Rd., Andheri (E), Mumbai – 400 093.
Aditya	Vill. Medi-Ka-Amaran Dist. Chittorgarh Rajasthan	Uitra- Tech Cement Ltd., 'B' Wing, Ahura Centre, 2 nd Floor, Mahakali Caves Rd., Andheri (E), Mumbai – 400 093.
Tummalapenta	Vill. Tummalapenta Distt. Kurnool Andhra Pradesh	Ultra Tech Cement Ltd., 'B' Wing, Ahura Centre, 2 nd floor, Mahakali Caves Rd., Andheri (E), Mumbai – 400 093.

K) Contribution of above mines in 2012-13

Quantity (Th. Tonnes)	35667
Percentage share to all India production	13

MAGNESITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	: 41950	293222	335172
Life Index (Years)	:		Very Large

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 40	Lease Area 3099.02
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C) Mines Reporting Production :

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	11	14	224	213
Public Sector	4	4	168	159
Private Sector	7	10	56	54
Captive	3	3	188	158
Non-captive	8	11	36	55
'A' Category	5	6	199	190
'B' Category	6	8	25	23
STATES				
Karnataka	3	3	12	12
Tamil Nadu	6	9	150	149
Uttarakhand	2	2	62	52

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. tonnes)	253	301	236	224	213
Value (Rs. '000)	363514	435118	378217	354977	362697

E) Closing Stock:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. tonnes)	77	88	75	62	62

F) Employment :

No. of Persons Employed per Day	777	885
Percentage Share of Employment to Total for MCDR Minerals	0.55	0.65

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	246	321	238	239	216

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	12284	10595	11052	13369	9973
Value (Rs. Crore)	13.64	14.17	20.39	17.51	14.88
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	51422	66118	54929	72475	79078
Value (Rs. Crore)	142.7	205.39	159.03	227.94	277
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	U A E	Baharain Is	Oman	Thailand	Netherland	Others
Quantity (Tonnes)	1547	729	791	584	600	5722
Value (Rs. Crore)	2.62	1.52	1.50	1.27	1.07	6.90
Imports	China P Rp	Ireland	Netherland	Australia	Japan	Others
Quantity (Tonnes)	30605	18648	8460	8500	3141	9724
Value (Rs. Crore)	82.59	74.4	36.83	31.75	20.59	30.84

J) Five Principal Magnesite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
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.
Chettichavadi /Jaghir	Vill. Chettichavadi Ddst. Salem Tamil Nadu	Dalmia Bharat Sugar and Industries Limited., Dalmiapuram., Tiruchirapalli – 621 651, Tamil Nadu.

K) Contribution of above Mines in 2012-13 :

Quantity (Th. tonnes)	198
Percentage Share to All-India Production	93

MANGANESE ORE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :	141977	288003	429980
(Th. Tonnes)			
Life Index (Years) :			103
B) Mining Leases as on 31-3-2012 :	No. of Leases		Lease Area
(Area in Hectares)	343		23041.90
C) Mines Reporting Production :			

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	155(9)	165(12)	2412	2322
Public Sector	20	23	1136	1143
Private Sector	135(9)	142(12)	1276	1179
Captive	8 (1)	9(1)	307	319
Non-captive	147 (8)	156(11)	2105	2003
‘A’ Category	28 (2)	28(3)	1798	1786
‘B’ Category	127 (7)	137(9)	614	536
STATES				
Andhra Pradesh	39	40	327	369
Karnataka	21	15	199	32
Madhya Pradesh	38 (2)	43(5)	608	706
Maharashtra	19	18	646	675
Odisha	29(5)	38(6)	562	531
Others	9(2)	11(1)	70	9
GRADES				
MnO ₂			44	46
Above 46% Mn			252	270
35-46% Mn			569	521
25-35% Mn			1300	1245
Below 25% Mn			247	240

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	2789	2492	3056	2412	2322
Value (Rs. '000)	17737032	11905233	14684000	11777000	12648711

E) Closing Stock :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	827	625	859	963	849

F) Employment :

No. of Persons Employed per Day	14587	14618
Percentage Share of Employment to	10.34	10.72
Total for MCDR Minerals		

Figures in parentheses indicate number of associated mines with iron ore, quartz, laterite and limestone.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	2496	2626	2928	3370	4007

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	205	289	99	75	72
Value (Rs. Crore)	120.61	116.7	80.32	44.23	26.96
Percentage Share to the Value of Exports of All Minerals	0.1	0.1	++	++	++
Imports					
Quantity (Th. Tonnes)	852	798	1300	1961	2327
Value (Rs. Crore)	1981.86	747.09	1781.35	2063.27	2562.24
Percentage Share to the Value of Imports of All Minerals	0.4	0.1	0.3	0.2	0.2

I) Exports/Imports by Country in 2012-13 :

Exports	China P Rp	Sri Lanka	Japan	Kuwait	Nepal	Others
Quantity (Tonnes)	71758	78	301	38	24	++
Value (Rs. Crore)	25.94	0.45	0.35	0.12	0.08	0.02
Imports	South Africa	Australia	Gabon	Ivory Coast	Brazil	Others
Quantity (Tonnes)	1006525	738829	212907	93524	79207	195736
Value (Rs. Crore)	1009.66	915.52	258.81	107.99	94.36	175.9

J) Five Principal Manganese Ore Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Dongribuzurg	Vill. Balapur Hameshai Distt. Bhandra Maharashtra	MOIL Ltd., MOIL BHAVAN, 1 A – Katol Road, Chhaoni, Nagpur – 440 013, Maharashtra
Balaghat	Vill. Bharweli Distt. Balaghat Madhya Pradesh	MOIL Ltd., MOIL BHAVAN, 1 A – Katol Road, Chhaoni, Nagpur – 440 013, Maharashtra
Siljora Kalamati	Vill. Siljora Distt. Keonjhar Odisha	Mangilall Rungta Rungta Office, Main Road Barbil – 758 035 Distt. Keonjhar, Odisha.
Chikla	Vill. Sitasaongi Distt. Bhandara Maharashtra	MOIL Ltd., MOIL BHAVAN, 1 A – Katol Road, Chhaoni, Nagpur – 440 013, Maharashtra
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 2012-13 :

Quantity (Th. Tonnes)	1018
Percentage Share to All-India Production	44

MARL

Items		Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	139976	11705	151681
(Th. Tonnes)				

Life Index (Years)	:			32
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B) Mining Leases as on 31-3-2012	:	No. of Leases	Lease Area
(Area in Hectares)		2	9.15

C) **Mines Reporting Production :**

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	(12)	(7)	4141	4360
Private Sector	(12)	(7)	4141	4360
Captive	(12)	(7)	4141	4360
‘A’ Category	(11)	(6)	4099	4263
‘B’ Category	(1)	(1)	42	97
STATES				
Gujarat	(6)	(6)	3902	4263
Tamil Nadu	(6)	(1)	239	97

D) **Production Trend :**

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity(Th. Tonnes)	4167	5908	4399	4141	4360
Value (Rs. ‘000)	193919	381599	307556	272904	266915

E) Closing Stock:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)	333	570	415	402	1009

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

Figures in parentheses indicate mines associated with limestone.

*Associated with limestone.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Th. Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	
Quantity (Th. Tonnes)	-
Value (Rs. Crore)	-

J) Five Principal Marl Mines in 2012-13:

Name	Location of Mine	Name & address of Mine owner
Kovaya *	Vill. Kovaya Distt. Amreli Gujarat	Ultratech Cement Ltd. 'B' Wing, 2 nd 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, Cuff Parade, Mumbai – 400 005.
Narmada *	Vill. Babarkot Distt. Amreli Gujarat	Ultratech Cement Ltd. 'B' Wing, 2 nd floor, Ahura Center, Mahakali Caves Road, Andheri (E), Mumbai – 400 093.
Sidhee *	Vill. Prashnavada-Morasa Distt. Junagadh Gujarat	Gujarat Sidhee Cement Ltd., N.K. Mehta International House, 178- Backbay Reclamation, Mumbai – 400 020.
Solaj *	Vill. Solaj Distt. Junagadh Gujarat	Ambuja Cements Limited P.O. Ambujanagar – 362 715, Tal.- Kodinar, Distt.- Junagadh, Gujarat.

K) Contribution of above mines in 2012-13

Quantity (Th. Tonnes)	3940
Percentage share to all India production	90

* Associated with limestone.

MICA

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Tonnes)	190741	341496	532237
Life Index (Years)			296
B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 307	Lease Area 7358.07	
C) Mines Reporting Production			

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	35(16)	32(29)		
Crude			1899	1255
Waste & Scrap			14186	14669
Private Sector	35 (16)	32(29)		
Crude			1899	1255
Waste & Scrap			14186	14669
Non-captive	35 (16)	32(29)		
Crude			1899	1255
Waste & Scrap			14186	14669
'A' Category	2	2		
Crude			241	301
Waste & Scrap			673	405
'B' Category	33 (16)	30(29)		
Crude			1658	954
Waste & Scrap			13513	14264
STATES				
Andhra Pradesh	29(2)	27(4)		
Crude			1784	1176
Waste & Scrap			7313	6944
Bihar	1	1		
Crude			-	-
Waste & Scrap			4632	2535
Jharkhand	(1)	(2)		
Crude			1	-
Waste & Scrap			-	1312
Rajasthan	5(13)	4(23)		
Crude			114	79
Waste & Scrap			2241	3878

D) Production Trend					
	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)					
Crude	1462	1061	1333	1899	1255
Waste & Scrap	5685	8098	7311	14186	14669
Value (Rs.'000)					
Crude	42728	39940	44505	68670	39628

E) Closing Stock	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Crude) (Tonnes)	341	245	425	478	223
F) Employment					
No. of Persons Employed per Day				389	381
Percentage Share of Employment to Total for MCDR Minerals				0.28	0.28

Figures in paranthesis indicate associated mines.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	191034	94216	126554	131777	127629
Value (Rs. Crore)	180.29	162.05	225.87	288.71	346
Percentage Share to the Value of Exports of All Minerals	0.2	0.1	0.1	0.2	0.2
Imports					
Quantity (Tonnes)	2323	1661	1687	2458	2283
Value (Rs. Crore)	42.49	42.27	41.15	59.98	55.71
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	China P Rp	Japan	U S A	Mexico	France	Others
Quantity (Tonnes)	68865	7129	4509	71	2661	44394
Value (Rs. Crore)	152.02	41.11	24.41	13.97	13.02	101.47
Imports	China P Rp	Switzerland	Austria	Japan	Malaysia	Others
Quantity (Tonnes)	1029	132	101	56	52	913
Value (Rs. Crore)	17.63	10.93	8.79	4.76	2.58	11.02

J) Five Principal Mica Mines in 2012-13 :

Name Of Mine	Location Of Mine	Address Of Mine Owner
Sri Shridi Sai Mica Mine	Vill. Ananthamadugu Distt. Nellore Andhra Pradesh	Dwarakanad M. Reddy & 4 Others 1-C, Vaibhav Apartment, Magunta Layout, Nellore Distt. Nellore, Andhra Pradesh.
Mahanth	Vill. Kalichedu , Distt. Nellore Andhra Pradesh	Mahanta Mica Mines, Smt. C. Leenaja Reddy, Managing Partner D. No. 8, Plot No. 7, 1 st Main Road, Kasturbha Nagar, Chennai, Tamil Nadu.
Sri Rajeshwari	Vill. Talupur Distt. Nellore Andhra Pradesh	Dwarakanad M. Reddy & 7 Others 1-C, Vaibhav Apartment, Magunta Layout , Distt. Nellore, Andhra Pradesh.
Seetharama mica mine	Vill. Thurimerla Distt. Nellore Andhra Pradesh	Seetharama Mining Co. Post. Kalichedu – 524 409, Distt. Nellore, Andhra Pradesh.
Yasodha Krishna mica mine	Vill. Talupur Distt. Nellore Andhra Pradesh	Yasodha Krishna Mica Mining Co. V. Prabhakar Reddy, Managing Partner, Post. DN 16/3/805 Rammurti Nagar – 524 003, Distt. Nellore, Andhra Pradesh.

K) Contribution of above Mines in 2012-13 :

Quantity (Crude) (Tonnes)	789
Percentage Share to All-India Production	63

OCHRE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	54942	89319	144261

Life Index (Years) : 73

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 162	Lease Area 3563.16
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C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	43 (19)	37(13)	1576	1794
Private Sector	43 (19)	37(13)	1576	1794
Captive	(1)	-	2	-
Non-captive	43 (18)	37(13)	1574	1794
'A' Category	(2)	(1)	450	450
'B' Category	43(17)	37(12)	1126	1344
STATES				
Andhra Pradesh	8(3)	11	189	94
Gujarat	2	2	6	5
Karnataka	(1)	-	1	-
Madhya Pradesh	16(4)	11(2)	54	34
Rajasthan	17(11)	13(11)	1326	1661

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th.Tonnes)	766	1258	1218	1576	1794
Value (Rs.'000)	70694	226881	240374	276937	452495

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th.Tonnes)		112	163	191	398	442

F) **Employment** :

No. of Persons Employed per Day	454	492
Percentage Share of Employment to Total for MCDR Minerals	0.32	0.36

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

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	450	297	383	614	681

H) Exports/Imports Trend:

Exports (Red Oxide)	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	12828	8661	9275	7741	8378
Value (Rs. Crore)	13.33	10.2	11.55	12.64	10.43
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Red Oxide)					
Quantity (Tonnes)	1643	2378	1324	1359	1222
Value (Rs. Crore)	11.05	12.35	14.10	6.63	6.18
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports (Red Oxide)	Saudi Arab	Philippines	Nepal	U A E	Indonesia	Others
Quantity (Tonnes)	945	1403	536	664	393	4437
Value (Rs. Crore)	1.75	1.73	0.67	0.51	0.48	5.29
Imports (Red Oxide)	U S A	China P Rp	Indonesia	Germany	Korea Rp	Others
Quantity (Tonnes)	874	89	48	62	29	120
Value (Rs. Crore)	2.22	1.08	0.93	0.61	0.51	0.83

J) Five Principal Ochre Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Banesti II*	Vill. Banesti Distt. Chitorgarh Rajasthan	Mohd. Sher Khan, S/o Gulbaz Khan, Khwaja Bagh, P.O.Sawa – 312 613. Distt. Chittorgarh, Rajasthan.
Kear Sing Ki Bhagal	Vill. Kear Sing Ki Bhagal Distt. Chitorgarh Rajasthan	Anil Kumar Sukhwai, At & P. O. Sawa– 312 613, Distt. Chittorgarh, Rajasthan.
Sakaria	Vill. Sakaria Distt. Chitorgarh Rajasthan	Star Minerals, At & P. O.- Sawa– 312 613, Distt. Chittorgarh, Rajasthan.
Banesti IV*	Vill. Banesti Distt. Chitorgarh Rajasthan	Mohd. Saeed Khan, S/o Mohd. Sher Khan, At & P.O.Sawa – 312 613, Distt. Chittorgarh, Rajasthan.
Bambora	Vill. Bambora Distt. Pratapgarh Rajasthan	Mohd. Saeed Khan , Qazi Manzil, Gowardhan Nagar, P.O. Nimbahera – 312 617, Distt. Chittorgarh, (Raj).

K) Contribution of above Mines in 2011-12 :

Quantity (Th.Tonnes)	1200
Percentage Share to All-India Production	67

*Associated with Kaolin/Laterite.

PERLITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	428	1978	2406

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 1	Lease Area 144.88
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	-	-	-	-
Private Sector	-	-	-	-
Non-captive	-	-	-	-
‘B’ Category	-	-	-	-
STATE				
Gujarat	-	-	-	-

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	176	-	-	-	
Value (Rs. ‘000)	176	-	-	-	

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)		17	-	-	-	-

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

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Perlite Mines in 2012-13: Nil

K) Contribution of above mine in 2012-13:

Quantity (Tonnes)	-
Percentage Share to All-India Production	-

PHOSPHORITE/ROCK PHOSPHATE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	34778	261506	296284
Life Index (Years)		:	49

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 16	Lease Area 3705.78
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C) **Mines Reporting Production :**

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	5	5	2260	2124
Public Sector	4	4	2080	1943
Private Sector	1	1	180	181
Captive	1	1	180	181
Non Captive	4	4	2080	1943
'A' Category	3	3	2130	2001
'B' Category	2	2	130	123
STATES				
Madhya Pradesh	3	3	240	257
Rajasthan	2	2	2020	1867
GRADES				
30-35% P ₂ O ₅			983	860
25-30%			75	80
20-25%			76	78
15-20%			1126	1106

D) **Production Trend :**

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	1804	1605	2097	2260	2124
Value (Rs.'000)	3087617	3103095	5014699	7496300	7733072

E) Closing Stock	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)	355	449	705	1052	923

F) **Employment :**

No. of Persons Employed per Day	1408	1404
Percentage Share of Employment to Total for MCDR Minerals	1.00	1.03

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes) (Apatite & Rock Phosphate)		3527	3352	3146	3553	3955

H) Exports/Imports Trend :

Exports (Rock Phosphate)	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	5408	924	712	248	21309
Value (Rs. Crore)	2.72	1.01	0.50	0.58	2.45
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Rock Phosphate)					
Quantity (Th. Tonnes)	5010	5684	5194	9730	8161
Value (Rs. Crore)	4840.49	3275.02	3211.03	8314.99	7309.66
Percentage Share to the Value of Imports of All Minerals	0.9	0.6	0.5	0.9	0.7

I) Exports/Imports by Country in 2012-13 :

Exports (Rock Phosphate)	Malaysia	China P Rp	Liberia	Norway	U A E	Others
Quantity (Tonnes)	20001	215	308	280	26	479
Value (Rs. Crore)	1.48	0.21	0.16	0.12	0.08	0.40
Imports (Rock Phosphate)	Jordan	Morocco	Egypt A Rp	Togo	Peru	Others
Quantity (Th. Tonnes)	3586	1375	1377	584	703	536
Value (Rs. Crore)	3297.06	1316.70	966.64	647.59	559.01	522.66

J) Principal Phosphorite Mines in 2012-13 :

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 Distt. Jaipur – 302 004, Rajasthan
Maton	Vill. Maton Distt. Udaipur Rajasthan	Hindusthan Zinc Ltd. Yashad Bhawan, Distt. Udaipur – 313 004, Rajasthan
Jhabua	Vill. Kachaldhara Distt. Jhabua Madhya Pradesh	M. P. State Mining Corpn. Ltd. Block A, 2 nd Floor, Paryawas Bhawan, Jail Road, Arera Hills, Bhopal – 462 011, M. P.
Hirapur (Maddeora)	Vill. Maddeora Distt. Chattarpur Madhya Pradesh	M. P. State Mining Corpn. Ltd. Block A, 2 nd Floor, Paryawas Bhawan, Jail Road, Arera Hills, Bhopal – 462 011, M. P.
Hirapur (Tigoda)	Vill. Tigoda Distt. Sagar Madhya Pradesh	M. P. State Mining Corpn. Ltd. Block A, 2 nd Floor, Paryawas Bhawan, Jail Road, Arera Hills, Bhopal – 462 011, M. P.

K) Contribution of above Mines in 2012-13

Quantity (Th. Tonnes)	2124
Percentage Share to All-India Production	100

PYRITES

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Million Tonnes)	:	-	1674

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases N.A	Lease Area N.A
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	-	-	-	-
Public Sector	-	-	-	-
Captive	-	-	-	-
‘A’ Category	-	-	-	-
STATE				
Bihar	-	-	-	-

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. '000)	-	-	-	-	-

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)		-	-	-	-	-

F) **Employment** :

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

2007-08 2008-09 2009-10 2010-11 2011-12

N.A. N.A. N.A. N.A. N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13 :

Exports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Pyrites Mines in 2012-13:

Nil

K) Contribution of above Mine in 2012-13:

Quantity (Tonnes) -

Percentage Share to All-India Production -

PYROPHYLLITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	: 23276	32807	56083
Life Index (Years)	:		187
B) Mining Leases as on 31-3-2012 (Area in Hectares)	: No. of Leases 104	Lease Area 2276.85	
C) Mines Reporting Production	:		

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	34(2)	33(3)	255891	245399
Public sector	1 (2)	(1)	1189	595
Private Sector	33	33(2)	254702	244804
Captive	6	7	38905	53785
Non- Captive	28(2)	26(3)	216986	191614
‘A’ Category	(1)	(1)	975	595
‘B’ Category	34(1)	33(2)	254916	244804
STATES				
Madhya Pradesh	21	19	220980	205990
Maharashtra	(2)	(2)	1054	705
Rajasthan	-	1(1)	-	7518
Uttar Pradesh	13	13	33857	31186

D) Production Trend:

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	255699	240747	240082	255891	245399
Value (Rs.'000)	55831	60425	83123	139510	149108

E) Closing Stock:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)	124100	119795	81014	95366	100566

F) Employment:

No. of Persons Employment per Day	1277	1368
Percentage Share of Employment to Total for MCDR Minerals	0.91	1.00

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

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	25300	7200	7400	8400	12400

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Five Principal Pyrophyllite Mines in 2012-13:

Name of Mines	Location of Mines	Address of Mines Owner
Patan	Vill. Patan Distt.-Chhatarpur Madhya Pradesh	Khujraho Minerals Post Box No. 25, Chhatarpur – 471 001, Madhya Pradesh.
Khera Majora	Vill. Khera Majora Distt. Chhatarpur Madhya Pradesh	Khujraho Minerals Post Box No. 25, Chhatarpur– 471 001, Madhya Pradesh.
Sarkana	Vill. Sarkana Distt. Chhatarpur Madhya Pradesh	Jindutt Minerals (p) Ltd. Post Box No.- 27, Chhatarpur– 471 001, 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.
Girwar	Vill. Girwar Distt. Hamirpur Uttar Pradesh	Diwakar Sharma, 53/1 Nayaganj, Kanpur – 208 001, Uttar Pradesh.

K) Contribution of above Mines in 2012-13:

Quantity (tonnes)	173691
Percentage Share to All- India Production	71

PYROXENITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	N.A.	N.A.

Life Index (Years) : (Included in Dunite)

B) Mining Leases as on 31-3-2012	:	No. of Leases	Lease Area
(Area in Hectares)		10	90.84

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	3 (1)	3	86031	54257
Private Sector	3 (1)	3	86031	54257
Captive	(1)	-	23284	-
Non-captive	3	3	62747	54257
'A' Category	(1)	-	23284	-
'B' Category	3	3	62747	54257
STATES				
Jharkhand	3	3	62747	54257
Orissa	(1)	-	23284	-

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	281785	279332	253205	86031	54257
Value (Rs.'000)	139143	152371	126179	33113	16817

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)		26751	28767	19066	8214	8844

F) Employment :

No. of Persons Employed per Day	155	150
Percentage Share of Employment to Total for MCDR Minerals	0.11	0.11

Figures in parentheses indicate number of associated mines with chromite.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13 :

Exports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Pyroxenite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Gamarkocha	Vill. Gamarkocha Distt. Singhbhum(East) Jharkhand	Bishnu Chandra Choudhary 31/C, 1 st Phase, Industrial Area, Adityapur, Jamshedpur – 832 109, Jharkhand.
Matku	Vill. Matku Distt. Singhbhum(East) Jharkhand	Pravat Kumar Aditya Deo 605/39, Radha Colony, Khasmahal Distt. Singhbhum (E) – 831 002, Jharkhand.
Gamarkocha	Vill. Gamarkocha Distt. Singhbhum(East) Jharkhand	Khirod Mudi Gamarkocha, P.O. Manpur Distt. Singhbhum (E) – 831 002, Jharkhand.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	54257
Percentage Share to All-India Production	100

QUARTZ

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :	429	3070	3499
Quartz & Silica Sand (Million Tonnes)			

Life Index (Years)(incl.silica sand) : 348

B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area
(Area in Hectares)	2161	17348.98

C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	207(82)	283(136)	782575	1041133
Public Sector	3(1)	4(1)	14453	14972
Private Sector	204(81)	279(135)	768122	1026161
Captive	3	3	18419	8226
Non-captive	204(82)	280(136)	764156	1032907
‘A’ Category	-	1(1)	-	12554
‘B’ Category	207(82)	282(135)	782575	1028579
STATES				
Andhra Pradesh	74(21)	107(33)	361566	616053
Chhattisgarh	3	4	731	12100
Gujarat	12	18	156248	134521
Jharkhand	10(3)	11(4)	109127	37671
Maharashtra	4	5	5315	10267
Rajasthan	56(57)	63(96)	114632	163668
Tamil Nadu	38 (1)	61(1)	12631	13689
West Bengal	4	3	16084	30258
Others	6	11(2)	6241	22906

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	430734	512320	497546	782575	1041133
Value (Rs.'000)	75564	94043	112108	173890	259646

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)	206	247	346	275	537

F) **Employment** :

No. of Persons Employed per Day	2007	3498
Percentage Share of Employment to Total for MCDR Minerals	1.42	2.56

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

G) Domestic Consumption Trend:	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes) (Quartz and Silica Sand)	1462	1458	1452	1561	1723

H) Exports/Imports Trend:

Exports (Quartz (Natural))	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	149	202	173	180	185
Value (Rs. Crore)	62.96	83.12	93.40	120.08	111.65
Percentage Share to the Value of Exports of All Minerals	0.1	0.1	0.1	0.1	0.1
Imports (Quartz (Natural))					
Quantity (Tonnes)	285	486	412	506	730
Value (Rs. Crore)	0.91	.078	0.62	0.87	1.18
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	Japan	Bhutan	Malaysia	U A E	Bangladesh	Others
Quantity (Tonnes)	27239	39328	13876	22319	21949	59946
Value (Rs. Crore)	30.13	12.07	9.41	9.21	8.13	42.70
Imports	Sri Lanka	China P Rp	Belgium	U S A	Thailand	Others
Quantity (Tonnes)	250	29	101	19	59	272
Value (Rs. Crore)	0.39	0.16	0.15	0.13	0.12	0.23

J) Five Principal Quartz Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Hattibelagal	Vill. Hattibelagal Distt. Kurnool Andhra Pradesh	Sriram Mines & Minerals, 9/35 (3), Weavers street, Bellary – 583 101, Karnataka.
Otakal	Vill. Otakal Distt. Anantapur Andhra Pradesh	Adiboina Subbarayadu 20/1/2, Kondapeta, Rajivnagar, Dhone, Kurnool – 518 222, Andhra Pradesh
Chellala Chelimala	Vill. Chellala Chelimala Distt. Kurnool Andhra Pradesh	P.V. Ramanna Reddy, C/o Sri R. Rammohan Reddy, Sunder Singh Lola (G.P. Holder), Dhone, Kurnool – 518 222, Andhra Pradesh.
Kabra	Vill. Kabra Distt. Tonk Rajasthan	B.S. Mining Company, Oppsite Jyoti Petrol Pump, Road No.1, VKI area Jaipur – 302 013, Rajasthan.
Motighanpur	Vill. Motighanpur Distt. Mahbubnagar Andhra Pradesh	AGI glaspac (an SBU of HSIL Ltd.), Glass Factory Road, Motinagar, P.O. Sanath Nagar Hyderabad – 500 018, Andhra Pradesh.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes) 269248

Percentage Share to All-India Production 26

QUARTZITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Million Tonnes)	87	1165	1251
Life Index (Years)	:		Very Large
B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 86	Lease Area 1463.21	

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	24(5)	31(6)	272	365
Private Sector	24(5)	31(6)	272	365
Captive	3(1)	4	33	57
Non-captive	21(4)	27(6)	239	308
'B' Category	24(5)	31(6)	272	365
STATES				
Andhra Pradesh	10(1)	15(2)	99	180
Bihar	3	2	36	21
Chhatishgarh	4	6	32	42
Jharkhand	2	2	45	31
Karnataka	1	1	10	10
Maharashtra	(3)	(4)	37	50
Odisha	3(1)	3	5	26
Rajasthan	1	1	8	5
West Bengal	-	1	-	++

++ Negligible

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. tonnes)	97	113	118	272	365
Value (Rs.'000)	31459	37377	45750	139207	206952

E) Closing Stock	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. tonnes)	32	44	30	70	90

F) **Employment** :

No. of Persons Employed per Day	562	773
Percentage Share of Employment to Total for MCDR Minerals	0.40	0.57

Figures in parentheses indicate associated mines.

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)		259	274	279	199	200

H) Exports/Imports Trend :

Exports (Quartzite (Natural))	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	37	54	38	35	49
Value (Rs. Crore)	23.01	26.15	28.58	31.31	49.15
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Quartzite (Natural))					
Quantity (Tonnes)	41	337	84	72	922
Value (Rs. Crore)	0.07	0.42	0.25	0.24	1.52
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	Japan	Israel	Vietnam	Bangladesh	Malaysia	Others
Quantity (Th. Tonnes)	7	6	5	10	2	19
Value (Rs. Crore)	12.9	6.49	4.17	4.12	3.28	18.19
Imports	China P Rp	Italy	Bangladesh	Ecuador	Germany	Others
Quantity (Tonnes)	276	52	445	41	51	57
Value (Rs. Crore)	0.78	0.2	0.16	0.16	0.09	0.13

J) Five Principal Quartzite Mines in 2012-13:

Name of Mine	Location of Mine	Address of Mine Owner
Satya Sai#	Vill. Bhimasingi Distt. Vizianagaram Andhra Pradesh	K. Subramanya Raju, Vill. Totlalpalli, Post:- Alamanda, Distt. Vizianagaram, Andhra Pradesh
Gottivalasa	Vill. Gottivalasa Distt. Vizianagaram Andhra Pradesh	Dinesh Das & Sons Mines & Steel (p) Ltd. Post: Bahalda, Bahalda Road Distt. Mayurbhanj, Odisha
Wadad#	Vill. Wadad Distt. Bhandara Maharashtra	Abdul Gaffar Rangoonwala, Gahra Minerals, Habib Nagar, Tekanaka, Nagpur-440017, Maharashtra
Chiraipani	Vill. Chiraipani Distt. Raigarh Chhattisgarh	OCL Indian Ltd Post. Rajgangpur, Distt. Sundargarh, Odisha.
Kedro Quartzite Mine	Vill. Kedro Distt. Singhbhum East Jharkhand	Bharat Mining Company, Post: Sunder Nagar, Distt: Singhbhum East, Jharkhand.

K) Contribution of above Mines in 2012-13 :

Quantity (Th. tonnes)	168
Percentage Share to All-India Production	46

Associated with Quartz

RUBY

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Kg.)	: 236	5112	5348

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 3	Lease Area 9.20
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C) **Mines Reporting Production** :

	No. of Mines		Production (Kgs)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	----- No Production reported -----			
Public Sector	- do -			
Non-Captive	- do -			
'B' Category	- do -			
STATE				
Odisha	- do -			

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Kgs)	-	-	-	-	-
Value (Rs.'000)	-	-	-	-	-

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Kgs)		-	-	-	-	-

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

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Kgs)		N.A.	N.A.	N.A.	N.A	N.A.

H) Exports/Imports Trend :

Exports (Ruby & Sapphire Uncut)	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	*	++	1	1	33
Value (Rs. Crore)	0.15	0.83	4.61	1.24	24.23
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports (Ruby & Sapphire Uncut)					
Quantity (Tonnes)	10	4	16	17	44
Value (Rs. Crore)	17.48	31.33	37.13	92.33	174.24
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports (Ruby & Sapphire Uncut)	Singapore	U A E	Thailand	Germany	U S A	Others
Quantity (Tonnes)	++	33	++	++	++	++
Value (Rs. Crore)	13.06	10.22	0.32	0.16	0.12	0.35
Imports(Ruby & Sapphire Uncut)	Thailand	Hong Kong	Brazil	U S A	Germany	Others
Quantity (Tonnes)	13	11	1	1	1	17
Value (Rs. Crore)	136.55	25.99	3.12	1.76	1.32	5.5

J) Ruby Mines in 2012-13 : Nil

K) Contribution of above Mine in 2012-13:

Quantity (Kg.)	-
Percentage Share to All-India Production	-

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

SALT (Rock)

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	16026	-	16026

Life Index (Years) : Very Large

B) Mining Leases as on 31-3-2012: (Area in Hectares)	No. of Leases NA	Lease Area NA
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	-	-	-	-
Public Sector	-	-	-	-
Non-captive	-	-	-	-
‘B’ Category	-	-	-	-
STATE				
Himachal Pradesh	-	-	-	-

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	2011	1836	1200	-	-
Value (Rs. '000)	3630	4908	2971	-	-

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)		27	72	-	-	-

F) **Employment** :

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

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend :

Exports (Salts (other than common salt))	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Th. Tonnes)	1001	1545	1855	2712	4551
Value (Rs. Crore)	148.73	195.5	207.59	259.84	528.22
Percentage Share to the Value of Exports of All Minerals	0.1	0.2	0.1	0.1	0.3
Imports (Salts (other than common salt))					
Quantity (Tonnes)	31948	30838	34148	34208	28175
Value (Rs. Crore)	6.93	6.71	8.28	8.56	8.15
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

K) Exports/Imports by Country in 2012-13:

Exports	China P Rp	Bangladesh	Japan	Qatar	Vietnam Soc. Rep.	Others
Quantity (Th.Tonnes)	1269	1026	877	304	258	817
Value (Rs. Crore)	157.27	93.25	90.90	43.26	36.04	107.50
Imports	Pakistan	USA	Germany	China	Israel	Others
Quantity (Tonnes)	27638	60	93	128	16	240
Value (Rs. Crore)	6.08	1.23	0.38	0.16	0.09	0.21

J) Salt (Rock) Mines in 2012-13 : Nil

K) Contribution of above Mines in 2012-13:

Quantity (Tonnes) -

Percentage Share to All-India Production -

SAND (Others)

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	: N.A.	N.A.	N.A.
Life Index (Years)	:		N.E.

B) Mining Leases as on 31-3-2012	:	No. of Leases	Lease Area
(Area in Hectares)		54	13497.90

C) **Mines Reporting Production** :

	No. of Mines		Production (Th.Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	11(1)	11(1)	2625	2629
Public sector	11	11	2592	2622
Private*	(1)	(1)	33	7
Captive	11(1)	11(1)	2625	2629
‘A’ Category	(1)	(1)	33	7
‘B’ Category	11	11	2592	2622
STATES				
Andhra Pradesh	8	8	2157	1871
Maharashtra	3	3	435	751
Meghalaya	(1)	(1)	33	7

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th.Tonnes)	1808	2159	2057	2625	2629
Value (Rs.’000)	106971	101399	109682	162965	186154

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th.Tonnes)		414	318	222	430	441

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

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13 :

Exports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Five Principal Sand (Others) Mines in 2012-13:

Name of Mine	Location of Mine	Address of Mine Owner
Nandgaon	Vill. Nandgaon Distt. Chandrapur Maharashtra	Western Coal Fields Ltd. O/o The Sr Manager (Mines), Nandgaon Incline Mine, LalpethUG Sub- Area, Distt: Chandrapur, Maharashtra
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. 1	Vill. Janagaon Distt. Karimnagar Andhra Pradesh	The Singareni Collieries Co. Ltd. P.O. Kothagudem, Distt. Khammam– 507 101, Andhra Pradesh.
SRP 1 Incline	Vill. Teegalpahad Distt. Adilabad Andhra Pradesh	The Singareni Collieries Co. Ltd. P.O. Kothagudem, Distt. Khammam– 507 101, Andhra Pradesh.
SRP 3 Incline	Vill. Teegalpahad Distt. Adilabad Andhra Pradesh	The Singareni Collieries Co. Ltd. P.O. Kothagudem, Distt. Khammam– 507 101, Andhra Pradesh.

K) Contribution of above Mines in 2012-13 :

Quantity (Th. Tonnes)	1880
Percentage Share to All-India Production	72

SELENITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	:	(Covered under Gypsum)	

Life Index (Years) : (Covered under Gypsum)

B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases	Lease Area (Covered under Gypsum)
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C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13 ^(p)	2011-12	2012-13 ^(p)
INDIA	3	3	13047	7577
Public Sector	3	3	13047	7577
Non-captive	3	3	13047	7577
‘A’ Category	1	1	1553	1337
‘B’ Category	2	2	11494	6240
STATE				
Rajasthan	3	3	13047	7577

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	15224	14598	6736	13047	7577
Value (Rs. '000)	12940	12408	5726	16105	9968

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)		-	-	-	-	345

F) Employment :

No. of Persons Employed per Day	36	28
Percentage Share of Employment to Total for MCDR Minerals	0.03	0.02

G) Domestic Consumption Trend	:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)		N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend :

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Selenite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Lunkaransar	Vill. Lunkaransar Distt. Bikaner Rajasthan	M/s Rajasthan State Mines & Minerals Ltd., C-89-90 Janpath, Lal Kothi Scheme, Jaipur-302015, Rajasthan.
Thob-2	Vill. Thob Distt. Barmer Rajasthan	
Thob-1	Vill. Thob Distt. Barmer Rajasthan	

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	7577
Percentage Share to All-India Production	100

SHALE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th Tonnes)	15331	580	15911
Life Index (Years)	:		02
B) Mining Leases as on 31-3-2012 (Area in Hectares)	No. of Leases 46	Lease Area 738.52	

C) **Mines Reporting Production** :

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	6(22)	6(23)	3440	3049
Public Sector	1	1	34	39
Private Sector	5(22)	5(23)	3406	3010
Captive	3(11)	3(11)	3401	3012
Non Captive	3(11)	3(12)	39	37
‘A’ Category	2(9)	2(9)	3144	2805
‘B’ Category	4(13)	4(14)	296	244
STATES				
Andhra Pradesh	4 (11)	4(12)	116	124
Himachal Pradesh	(3)	(3)	1536	1513
Karnataka	(1)	(1)	825	546
Madhya Pradesh	2(5)	2(5)	543	520
Maharashtra	(2)	(2)	420	346

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2011-12 ^(p)
Quantity (Th.Tonnes)	3047	3034	3082	3440	3049
Value (Rs.'000)	90260	89288	103993	139066	155697

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th.Tonnes)		107	89	64	69	69

F) **Employment** :

No. of Persons Employed per Day	28	30
Percentage Share of Employment to Total for MCDR Minerals	0.02	0.02

Figures in parentheses indicate number of associated mines with limestone.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Exports of All Minerals	-	-	-	-	-
Imports					
Quantity (Tonnes)	-	-	-	-	-
Value (Rs. Crore)	-	-	-	-	-
Percentage Share to the Value of Imports of All Minerals	-	-	-	-	-

I) Exports/Imports by Country in 2012-13:

Exports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	
Quantity (Tonnes)	-
Value (Rs. Crore)	-

J) Five Principal Shale Mines* in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Kashlog*	Vill. Kashlog Distt. Solan, Himachal Pradesh	Ambuja Cement Ltd. Elegant Business Park, MIDC Cross Road B Off Anderi Kurla Road, Andheri East, Mumbai-400059
Wadi-1*	Vill.Wadi, Distt. Gulbarga, Karnataka	ACC Ltd., Cement House, 121, Maharshi Karve Road, Churchagate, Mumbai – 400 020.
Baga-Bhalag*	Vill. Darla-More, Distt. Solan, Himachal Pradesh	Jaiprakash Associates Limited Sector-128, Noida Uttar Pradesh-201304
Gagal*	Vill. Barmana, Distt. Bilaspur, Himachal Pradesh	ACC Ltd., Cement House, 121 Maharshi Karve Road, Churchgate, Mumbai-400 020.
Govari*	Vill. Govari Distt.- Yavatmaal Maharashtra	ACC Ltd., Cement House, 121 Maharshi Karve Road, Churchgate, Mumbai – 400 020.

K) Contribution of above Mines in 2012-13 :

Quantity (Th. Tonnes)	2368
Percentage Share to All-India Production	78

*Associated with limestone.

SILICA SAND

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :	429	3070	3499
Silica Sand & Quartz (Million tonnes)			
Life Index (Years) (incl. Quartz) :			348
B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area	
(Area in Hectares)	569	18121.58	

C) Mines Reporting Production :

	No. of Mines		Production (Th. tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	149(6)	140(8)	4868	3690
Public Sector	6	4	109	94
Private Sector	143(6)	136(8)	4759	3596
Captive	8	7	164	113
Non-Captive	141(6)	133(8)	4704	3577
'A' Category	2(1)	2(1)	202	180
'B' Category	147(5)	138(7)	4666	3510
STATES				
Andhra Pradesh	65	61	1582	1649
Gujarat	16(1)	17(1)	1959	845
Jharkhand	1(1)	1(1)	113	81
Karnataka	6	11	38	70
Kerala	18	17	63	60
Maharashtra	12	11	236	243
Rajasthan	16(4)	13(5)	755	618
Uttar Pradesh	7	2	66	42
Others	8	7(1)	56	82

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Th. tonnes)	2837	2546	3381	4868	3690
Value (Rs.'000)	366083	408559	444684	714062	823828

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. tonnes)	1280	3260	5007	5438	5941

F) Employment :		
No. of Persons Employed per Day	2358	2053
Percentage Share of Employment to Total for MCDR Minerals	1.67	1.51

Figures in parentheses indicate associated mines.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)(Quartz and Silica Sand)	1462	1458	1452	1561	1723

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	17164	7478	12451	10020	4689
Value (Rs. Crore)	18.21	3.01	16.22	8.01	4.32
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	10240	15834	93741	129490	54379
Value (Rs. Crore)	22.08	28.70	41.37	59.85	57.98
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	Malaysia	Japan	Kenya	Singapore	Italy	Others
Quantity (Tonnes)	907	601	533	540	190	1918
Value (Rs. Crore)	1.22	0.54	0.54	0.36	0.21	1.45
Imports	Saudi Arab	Egypt A Rp	Italy	China P Rp	Taiwan	Others
Quantity (Tonnes)	14834	22738	4640	2199	633	9335
Value (Rs. Crore)	9.3	9.15	6.55	6.22	6.02	20.74

J) Five Principal Silica Sand Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Bhavani Minerals-II	Vill. Amod Distt. Bharuch Gujarat	Bhavani Minerals P.O. Bhilod- 393 135, Distt. Bharuch, Gujarat.
Banesti-I#	Vill. Banesti Distt. Chittorgarh Rajasthan	Mohd. Sher Khan Khwaja Bagh P.O: Sawa-312613, Distt. Chittorgarh, Rajasthan.
Shri Kumarswamy	Vill. Momidi Distt. Nellore Andhra Pradesh	Kumarswamy Silica Mines P.O: Momidi, Mandal: Chillakur Distt. Nellore, Andhra Pradesh
Bhimpur#	Vill. Bhimpur Distt. Bharuch Gujarat	Alimiya. I. Saiyad 16, Vyapar Bhawan, P.O: Himmatnagar, Distt: Bharuch, Gujarat.
Balaji	Vill. Momidi Distt. Nellore Andhra Pradesh	Balaji Mines & Minerals 6/54-1, East Street, Distt. Nellore, Andhra Pradesh

J) Contribution of above Mines in 2012-13 :

Quantity (Th. tonnes)	1212
Percentage Share to All-India Production	33

Associated with kaolin /agate

SILLIMANITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010	4085	62902	66987
(Th. Tonnes)			
Life Index (Years)			Very Large
B) Mining Leases as on 31-3-2012	No. of Leases		Lease Area
(Area in Hectares)	7		3027.06

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	4(2)	5(2)	59206	43736
Public Sector	4	5	25677	17490
Private Sector	(2)	(2)	33529	26246
Non-Captive	4(2)	5(2)	59206	43736
'A' Category	3(1)	4(1)	57155	41386
'B' Category	1(1)	1(1)	2051	2350
STATES				
Andhra Pradesh	(1)	(1)	31992	23896
Kerala	1	2	7205	4936
Maharashtra	2(1)	2(1)	2520	2590
Odisha	1	1	17489	12314

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	33702	33687	48784	59206	43736
Value (Rs.'000)	236871	258779	407406	522737	360411

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Tonnes)		2634	2201	9599	21630	16958

F) Employment :

No. of Persons Employed per Day	1683	2407
Percentage Share of Employment to Total for MCDR Minerals	1.19	1.76

Figures in parentheses indicate associated mines with garnet and kyanite.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	12600	13700	14400	12500	12700

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	2013	6708	2202	11829	11151
Value (Rs. Crore)	1.18	2.14	2.90	10.86	13.33
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	2745	1148	1363	14	74
Value (Rs. Crore)	3.61	1.26	1.60	0.23	0.74
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	China P Rp	Japan	Iran	Singapore	Nepal	Others
Quantity (Tonnes)	8461	324	216	391	427	1332
Value (Rs. Crore)	10.21	0.79	0.72	0.41	0.28	0.92
Imports	Nepal	Bulgaria	Japan	France	USA	Others
Quantity (Tonnes)	42	9	1	22	++	...
Value (Rs. Crore)	0.48	0.1	0.09	0.07	++	...

J) Five Principal Sillimanite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Vatsavalasa#	Vill. Vatsavalasa Distt. Sri Kakulam Andhra Pradesh	Trimex Sands Private Limited 3 rd 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-400028, Maharashtra.
Chavara	Vill. Chavara Distt. Kollam Kerala	Indian Rare Earths Ltd., Plot No:- 1207, V.S. Marg, Prabhadevi, Mumbai-400028, Maharashtra.
Pavri(Jamddi)*	Vill. R.F. Jamadi Distt. Bhandara Maharashtra	Pavri Kyanite Mines, Salpekar Building, Rani Jhansi Square Sitabuldi, Nagpur – 440 012, Maharashtra.
N. K Block-II	Vill. Chavara Distt. Kollam Kerala	Indian Rare Earths Ltd., Plot No:- 1207, V.S. Marg, Prabhadevi, Mumbai-400028, Maharashtra.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	43496
Percentage Share to All-India Production	99

* Associated with kyanite. # Associated with Garnet.

SILVER*

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :			
(Th.tonnes) Ore	187559	279426	466985
Metal	8	20	28
Life Index (Years) :			61

B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area
(Area in Hectares)	N.A.	N.A.

C) Production of Silver :

	Production (Kg.)	
	2011-12	2012-13 ^(p)
INDIA	207144	374046
Public Sector	202	145
Private Sector	206942	373901
STATES		
Karnataka	202	145
Rajasthan	206942	373901

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Kg.)	105284	138780	148303	207144	374046
Value (Rs.'000)	2147578	3388694	5438695	11561772	21233064

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Kg.)	-	-	-	-	-

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

* Produced as a by-product.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	35	62	50	41	74
Value (Rs. Crore)	67.77	426.31	106.34	129.67	256.32
Percentage Share to the Value of Exports of All Metals	0.1	0.7	0.1	0.1	0.2
Imports					
Quantity (Tonnes)	4378	2075	2656	4661	2015
Value (Rs. Crore)	7609.46	4563.65	8953.16	24704.23	10797.37
Percentage Share to the Value of Imports of All Metals	3.8	2.1	3.1	5.9	2.4

I) Exports/Imports By Country In 2012-13 :

Exports	U S A	Belgium	Switzerland	U A E	Canada	Others
Quantity (Tonnes)	20	28	8	6	2	10
Value (Rs. Crore)	95.61	61.74	41.46	32.93	5.11	19.47
Imports	U K	Hong Kong	Korea Rp	Taiwan	China P Rp	Others
Quantity (Tonnes)	423	284	282	208	195	623
Value (Rs. Crore)	2153.22	1467.58	1425.36	1050.75	1006.5	3693.96

J) Producers of Silver in 2012-13 :

Name of Smelter / Mine	Location of Smelter / Mine	Address of Producer / Mine Owner
Chanderiya Lead & Zinc Smelter	Distt. Chittorgarh Rajasthan	Hindustan Zinc Ltd., Yashad Bhawan, Udaipur, Rajasthan – 313 004.
Hutti Gold Mines Co. Ltd.	Distt. Raichur Karnataka	The Hutti Gold Mines Co. Ltd. Raichur – 584 115. Karnataka

K) Contribution of above Producers in 2012-13 :

Quantity (Kg.)	374046
Percentage Share to All-India Production	100

SLATE

Items	Reserves	Remaining Resources	Total
A) Recoverable Reserves 1-4-2010 (Th. Tonnes)	:	-	2369

Life Index (Years) : N.E.

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases	Lease Area
		18	683.31

C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	-	1	-	278
Private Sector	-	1	-	278
Non-Captive	-	1	-	278
'B' Category	-	1	-	278
STATES				
Haryana	-	1	-	278

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	8931	-	-	-	278
Value (Rs.'000)	5552	-	-	-	263

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)		9498	2408	300	1260	1267

F) Employment :

No. of Persons Employed per Day	-	3
Percentage Share of Employment to Total for MCDR Minerals	-	++

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	154017	125463	117644	113257	108806
Value (Rs. Crore)	207.21	198.07	153.06	153.48	146.33
Percentage Share to the Value of Exports of All Minerals	0.2	0.2	0.1	0.1	0.1
Imports					
Quantity (Tonnes)	13	146	89	201	213
Value (Rs. Crore)	0.06	0.47	0.37	0.94	2.3
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13:

Exports	U S A	U K	Canada	Australia	Italy	Others
Quantity (Tonnes)	47586	18959	5796	6026	2253	28186
Value (Rs. Crore)	71.57	17.62	8.53	4.6	3.23	40.78
Imports	Korea Rp	China P Rp	Germany	Spain	Japan	Others
Quantity (Tonnes)	89	82	14	4	3	21
Value (Rs. Crore)	1.11	0.44	0.38	0.17	0.1	0.1

J) Slate Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Padla (42.36H)	Vill. Padla Distt. Rewari Haryana	Ashok Somany, Khol House, Circular Road, Distt. Rewari-123401, Haryana

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	278
Percentage Share to All-India Production	100

SULPHUR*

Items	Reserves	Remaining Resources	Total
A) Recoverable Reserves 1-4-2010 (Th.tonnes) Sulphur (Native)	:	-	210

Life Index (Years) : N. E.

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases N.A.	Lease Area N.A.
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C) Production of Sulphur :

	No. of Units ^{\$}		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	11	11	381146	449004
Public Sector	11	11	381146	449004
STATES				
Assam	3	3	4968	3706
Bihar	1	1	9329	12345
Gujarat	1	1	65923	74697
Haryana	2	2	174915	218633
Maharashtra	1	1	54850	46991
Punjab	1	1	3407	12676
Uttar Pradesh	1	1	36005	43574
West Bengal	1	1	31749	36382

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	269572	263124	236998	381146	449004

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)		NA	NA	NA	NA	NA

F) Employment :

No. of Persons Employed per Day - -

Percentage Share of Employment to
Total for MCDR Minerals - -

* 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

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	1758	1648	1642	1726	1689

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	171160	124884	167113	163372	369940
Value (Rs. Crore)	397.12	50.46	97.96	167.18	336.7
Percentage Share to the Value of Exports of All Minerals	0.4	++	0.1	0.1	0.2
Imports					
Quantity (Th. tonnes)	1286	1534	1357	2038	1547
Value (Rs. Crore)	2997.46	681.08	1097.71	2283.29	1735.9
Percentage Share to the Value of Imports of All Minerals	0.6	0.1	0.2	0.2	0.2

I) Exports/Imports by Country in 2012-13:

Exports	China P Rp	S. Africa	Mozambique	Bangladesh	Pakistan	Others
Quantity (Tonnes)	329334	20020	13267	2720	1770	2829
Value (Rs. Crore)	292.67	16.89	12.71	7.15	1.78	5.5
Imports	U A E	Iran	Saudi Arab	Qatar	Kuwait	Others
Quantity (Th. Tonnes)	319	305	295	217	179	232
Value (Rs. Crore)	375.49	338.92	326.84	243.7	196.24	254.71

J) Sulphur Producing Units in 2012-13 : (As By-Product)

Location of Unit	Address of Owner
Panipat, Distt: Panipat, Haryana	Indian Oil Corpn. Ltd. (Refineries Division) Scope Complex, Core-II 7, Institutional Area, Lodhi Road, New Delhi – 110 003
Jawaharnagar, Distt: Vadodara, Gujarat	
Mathura , Distt. Mathura, Uttar Pradesh	
Haldia, Distt: Midnapur, West Bengal	
Barauni, Distt: Begusarai, Bihar	
Guwahati, Distt. Kamrup, Assam	
Digboi, Distt: Digboi, Assam	National Fertilizers Ltd., Scope Complex, Core-III, 7, Institutional Area, Lodhi Road, New Delhi – 110 003.
Panipat, Distt: Panipat, Haryana	
Nangal, Distt: Rupnagar, Punjab	Numaligarh Refinery Limited 122S.G.S. Road Christanbasti Distt :-Guwahati – 781 005, Assam
Numaligarh Refinery complex, Distt: Golaghat, Assam	
Mahul, Distt. Mumbai, Maharastra	Bharat Petroleum Corp. Ltd., Bharat Bhawan, 4 & 6, Currimbhoy Road, Ballard Estate, Mumbai – 400 001, Maharashtra

K) Contribution of above Units in 2012-13 :

Quantity (Tonnes)	449004
Percentage Share to All-India Production	100

TALC / STEATITE / SOAPSTONE

Items		Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Million tonnes)	:	90	179	269
Life Index (Years)	:			161
B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 505	Lease Area 16739.88	

C) Mines Reporting Production :

	No. of Mines		Production (Th. Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	138 (8)	133(9)	998	939
Private Sector	138 (8)	133(9)	998	939
Non-Captive	138 (8)	133(9)	998	939
‘A’ Category	6	7	377	410
‘B’ Category	132(8)	126(9)	621	529
STATES				
Andhra Pradesh	35(4)	38(5)	92	80
Rajasthan	63(3)	60(3)	739	756
Uttaranchal	35	30	160	98
Others	5(1)	5(1)	7	5
GRADES				
Insecticide			467	474
Other than insecticide			531	465

D) Production Trend :

	2008-09	2009-10	2009-2010	2011-12	2012-13 ^(p)
Quantity (Th. Tonnes)	889	877	903	998	939
Value (Rs.'000)	598522	713708	618286	878590	825559

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Th. Tonnes)		792	765	825	1017	522

F) Employment :

No. of Persons Employed per Day	3894	4009
Percentage Share of Employment to Total for MCDR Minerals	2.76	2.94

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Th. Tonnes)	344	371	375	369	368

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	99520	87870	115581	100562	121852
Value (Rs. Crore)	65.08	61.85	83.80	91.39	121.54
Percentage Share to the Value of Exports of All Minerals	0.1	++	++	0.1	0.1
Imports					
Quantity (Tonnes)	5218	2605	10087	5022	2905
Value (Rs. Crore)	9.1	5.25	13.04	14.15	12.14
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	Thailand	U A E	Bangladesh	Indonesia	Malaysia	Others
Quantity (Tonnes)	21589	10257	10571	7930	8015	63490
Value (Rs. Crore)	17.98	10.92	9.77	7.59	7.14	68.14
Imports	China P Rp	Italy	Austria	Japan	U S A	Others
Quantity (Tonnes)	1122	392	379	160	67	785
Value (Rs. Crore)	4.21	2.34	1.72	1.38	0.47	2.02

L) Five Principal Steatite Mines in 2012-13:

Name of Mine	Location of Mine	Address of Mine Owner
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. Goloha 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.
Ghewaria	Vill. Ghewaria Distt. Bhilwara Rajasthan	Udaipur Mineral Devp. Syndicate (p) Ltd. Goloha Trade Centre, Near Ajmeri Gate, M.I. Road, Jaipur – 302 001, Rajasthan.
Sahroli	Vill. Sahroli Distt. Bhilwara Rajasthan	Ratan Lal Deedwaniya, D/4 Nagori Garden, Near Bank of Baroda, Bhilwara – 311 001, Rajasthan.

M) Contribution of above Mines in 2012-13:

Quantity (Th. Tonnes)	451
Percentage Share to All-India Production	48

TIN CONCENTRATES

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :			
(Tonnes) Ore	7131	83719066	83726197
Metal	1132	101142	102275

Life Index (Years) : Very Large

B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area
(Area in Hectares)	15	321.02

C) **Mines Reporting Production** :

	No. of Mines		Production (Kg.)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	6	6	48765	47776
Public Sector	1	1	34534	41584
Private Sector	5	5	14231	6192
Captive	5	5	14231	6192
Non-captive	1	1	34534	41584
'B' Category	6	6	48765	47776
STATE				
Chhattisgarh	6	6	48765	47776

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Kg.)	59778	59016	60643	48765	47776
Value (Rs.'000)	21267	22895	27799	26062	25920

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Kg.)	2348	11425	10984	23733	46503

F) **Employment** :

No. of Persons Employed per Day	47	39
Percentage Share of Employment to Total for MCDR Minerals	0.03	0.03

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	N.A.	N.A.	N.A.	N.A.	N.A.

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	-	-	33	2	
Value (Rs. Crore)	-	-	++	++	
Percentage Share to the Value of Exports of All Minerals	-	-	++	++	
Imports (Tin ores & concs.)					
Quantity (Tonnes)	630	-	195	++	21
Value (Rs. Crore)	13.46	-	8.62	++	1.41
Percentage Share to the Value of Imports of All Minerals	++	-	++	++	++

I) Exports / Imports by Country in 2012-13 :

Exports	-
Quantity (Tonnes)	-
Value (Rs. Crore)	-
Imports	Nigeria
Quantity (Tonnes)	21
Value (Rs. Crore)	1.41

J) Five Principal Tin Concentrate Mine in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Bastar	Vill. Bastar Distt. Bastar Chhattisgarh	Chhattisgarh State Mineral Dev. Corpn. Ltd. Sona Khan Bhawan, Ring Road No.1 Raipur, Chhattisgarh-492006
Bade Bacheli (17.087 Ha)	Vill. Bade Bacheli Distt. Dantewada Chhattisgarh	Precious Minerals & Smelting Ltd. Semi Urban Industrial Estate, Frezerpur Jagdalpur, 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	
Bade Bacheli (5.314 Ha)	Vill. Bade Bacheli Distt. Dantewada Chhattisgarh	

K) Contribution of above Mine in 2012-13 :

Quantity (Kg.)	47758
Percentage Share to All-India Production	99.96

TUNGSTEN CONCENTRATES

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 :			
(Th. Tonnes) Ore	-	87	87
Metal	-	142	142

Life Index (Years) : N. E.

B) Mining Leases as on 31-3-2012 :	No. of Leases	Lease Area
(Area in Hectares)	N.A.	N.A.

C) Mines Reporting Production :

	No. of Mines		Production (Kg.)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	----- No Production reported -----			
Public Sector	- do -			
Non-Captive	- do -			
'A' Category	- do -			
'B' Category	- do -			
STATE				
Rajasthan	- do -			

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Kg.)	-	-	-	-	-
Value (Rs.'000)	-	-	-	-	-

E) Closing Stock :	2008-09	2009-10	2010-11	2011-12	2012-13^(p)
Quantity (Kg.)	-	-	-	-	-

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

G) Domestic Consumption Trend : 2007-08 2008-09 2009-10 2010-11 2011-12

Quantity (Tonnes) 500 500 500 560 530

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	2	-	32	321	93
Value (Rs. Crore)	0.04	-	1.92	6.34	0.92
Percentage Share to the Value of Exports of All Minerals	++	-	++	++	++
Imports					
Quantity (Tonnes)	20	87	27	327	107
Value (Rs. Crore)	0.04	0.15	0.09	0.52	2.88
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	Vietnam		U K		Italy	
Quantity (Tonnes)	73		4		16	
Value (Rs. Crore)	0.41		0.41		0.1	
Imports	U K	U S A	South Africa	Singapore	Japan	Others
Quantity (Tonnes)	39	16	13	2	++	37
Value (Rs. Crore)	1.4	0.93	0.18	0.15	0.12	0.1

J) Tungsten Concentrate Mines in 2012-13 : Nil

K) Contribution of above Mine in 2012-13 :

Quantity (Kg.) -

Percentage Share to All-India Production -

VERMICULITE

Items	Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	: 1704	803	2507

Life Index (Years)	:	155
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B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 16	Lease Area 285.94
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C) **Mines Reporting Production** :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	5 (2)	6(5)	10194	7689
Public Sector	1	1	1542	1520
Private Sector	4 (2)	5(5)	8652	6169
Non-captive	5 (2)	6(5)	10194	7689
'B' Category	5 (2)	6(5)	10194	7689
STATES				
Andhra Pradesh	4 (2)	5(5)	8652	6169
Tamil Nadu	1	1	1542	1520

D) **Production Trend** :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	12647	11662	19234	10194	7689
Value (Rs.'000)	9423	7653	13132	7085	5544

E) Closing Stock Quantity (Tonnes)	:	2008-09 9236	2009-10 7181	2010-11 8397	2011-12 10685	2012-13^(p) 12264
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F) Employment	:					
No. of Persons Employed per Day				88	98	
Percentage Share of Employment to Total for MCDR Minerals				0.06	0.07	

Figures in parentheses indicate associated mines with apatite and mica.

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	1300	800	800	900	800

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	1118	1015	1497	1139	647
Value (Rs. Crore)	0.79	0.64	1.09	1.00	0.55
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	305	84	312	222	171
Value (Rs. Crore)	1.31	0.19	0.75	0.82	0.83
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	U A E	Norway	Belgium	U K	Denmark	Others
Quantity (Tonnes)	327	144	25	24	10	117
Value (Rs. Crore)	0.33	0.07	0.04	0.04	0.02	0.05
Imports	U S A	Japan	S. Arab	S. Africa	Singapore	Others
Quantity (Tonnes)	79	12	1	43	24	12
Value (Rs. Crore)	0.31	0.19	0.1	0.1	0.08	0.05

J) Five Principal Vermiculite Mines in 2012-13 :

Name of Mine	Location of Mine	Address of Mine Owner
Jogipalli *	Vill. Jogipalli Distt. Nellore Andhra Pradesh	Gonupalli Aruna 8/445 Puripalem, P.O. Ranganayak ulupet, SPSR Nellore-524001, Andhra Pradesh.
Dugar- I	Vill. P. Palicherla Distt. Nellore Andhra Pradesh	Dugar Insulations India (p) Ltd. Dugar Nagar, Gudur, Distt. Nellore-524102, Andhra Pradesh.
Sevathur	Vill. Sevathur Distt. Vellore Tamil Nadu	Tamil Nadu Minerals Ltd. 31, Kamarajar Salai, Chepauk, Chennai - 600005, Tamil Nadu.
Gangamma *	Vill. Gangamma Distt. Nellore Andhra Pradesh	Sadhna Minerals, 1/116 Masthanvali Complex, N H-5, P.O-Chillakur-524412 SPSR Nellore, A. P.
Chaganam *	Vill. Chaganam Distt. Nellore Andhra Pradesh	Ani Mines & Minerals, V.L. Prasanna,27-2-1850-4, 9 th Lane, Ramji Nagar,Distt: Nellore-524001, A. P.

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	7350
Percentage Share to All-India Production :	96

* Associated with apatite, feldspar, mica, quartz.

WOLLASTONITE

Items		Reserves	Remaining Resources	Total
A) Total Resources 1-4-2010 (Th. Tonnes)	:	2487	14083	16570

Life Index (Years) : 76

B) Mining Leases as on 31-3-2012 (Area in Hectares)	:	No. of Leases 7	Lease Area 222.02
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C) Mines Reporting Production :

	No. of Mines		Production (Tonnes)	
	2011-12	2012-13	2011-12	2012-13 ^(p)
INDIA	4	3	184445	141550
Private Sector	4	3	184445	141550
Non-captive	4	3	184445	141550
'A' Category	2	2	180775	137168
'B' Category	2	1	3670	4382
STATE				
Rajasthan	4	3	184445	141550

D) Production Trend :

	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)	111581	132385	183381	184445	141550
Value (Rs.'000)	125957	111930	145958	159974	127033

E) Closing Stock	:	2008-09	2009-10	2010-11	2011-12	2012-13 ^(p)
Quantity (Tonnes)		2690	1008	294	299	509

F) Employment	:					
No. of Persons Employed per Day				506	446	
Percentage Share of Employment to Total for MCDR Minerals				0.36	0.33	

G) Domestic Consumption Trend:	2007-08	2008-09	2009-10	2010-11	2011-12
Quantity (Tonnes)	4200	3800	3800	3300	3300

H) Exports/Imports Trend:

Exports	2008-09	2009-10	2010-11	2011-12	2012-13
Quantity (Tonnes)	21413	12880	17759	23759	18765
Value (Rs. Crore)	22.01	15.38	20.89	29.72	28.15
Percentage Share to the Value of Exports of All Minerals	++	++	++	++	++
Imports					
Quantity (Tonnes)	223	351	2600	806	1287
Value (Rs. Crore)	0.48	0.39	2.39	1.29	2.42
Percentage Share to the Value of Imports of All Minerals	++	++	++	++	++

I) Exports/Imports by Country in 2012-13 :

Exports	Belgium	Japan	Australia	Germany	U S A	Others
Quantity (Tonnes)	8448	4683	2265	1625	282	1462
Value (Rs. Crore)	11.97	5.35	4.35	3.55	0.61	2.32
Imports	Spain	China P Rp	Mexico	U S A	Germany	Others
Quantity (Tonnes)	414	744	30	24	15	60
Value (Rs. Crore)	0.96	0.88	0.15	0.13	0.09	0.21

J) Wollastonite Mines in 2012-13 :

Name Of Mine	Location Of Mine	Address Of Mine Owner
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, Mahavir Nagar ,Sanganer Jaipur – 302 017, Rajasthan

K) Contribution of above Mines in 2012-13 :

Quantity (Tonnes)	141550
Percentage Share to All-India Production :	100

“Statistical Profiles of Minerals, 2012-13” is the 29th issue in its series which provides information on a 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 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 and grade, etc. Data on employment, stock, principal mines, domestic consumption and exports/imports by countries are also presented in the publication. Data on production for 2011-12 are based on the production reported by mine owners through Annual/Monthly returns under the provisions of the MCDR 1988 while those for 2012-13 are based on the monthly production reported by the mine owners in Monthly returns.



INDIAN BUREAU OF MINES