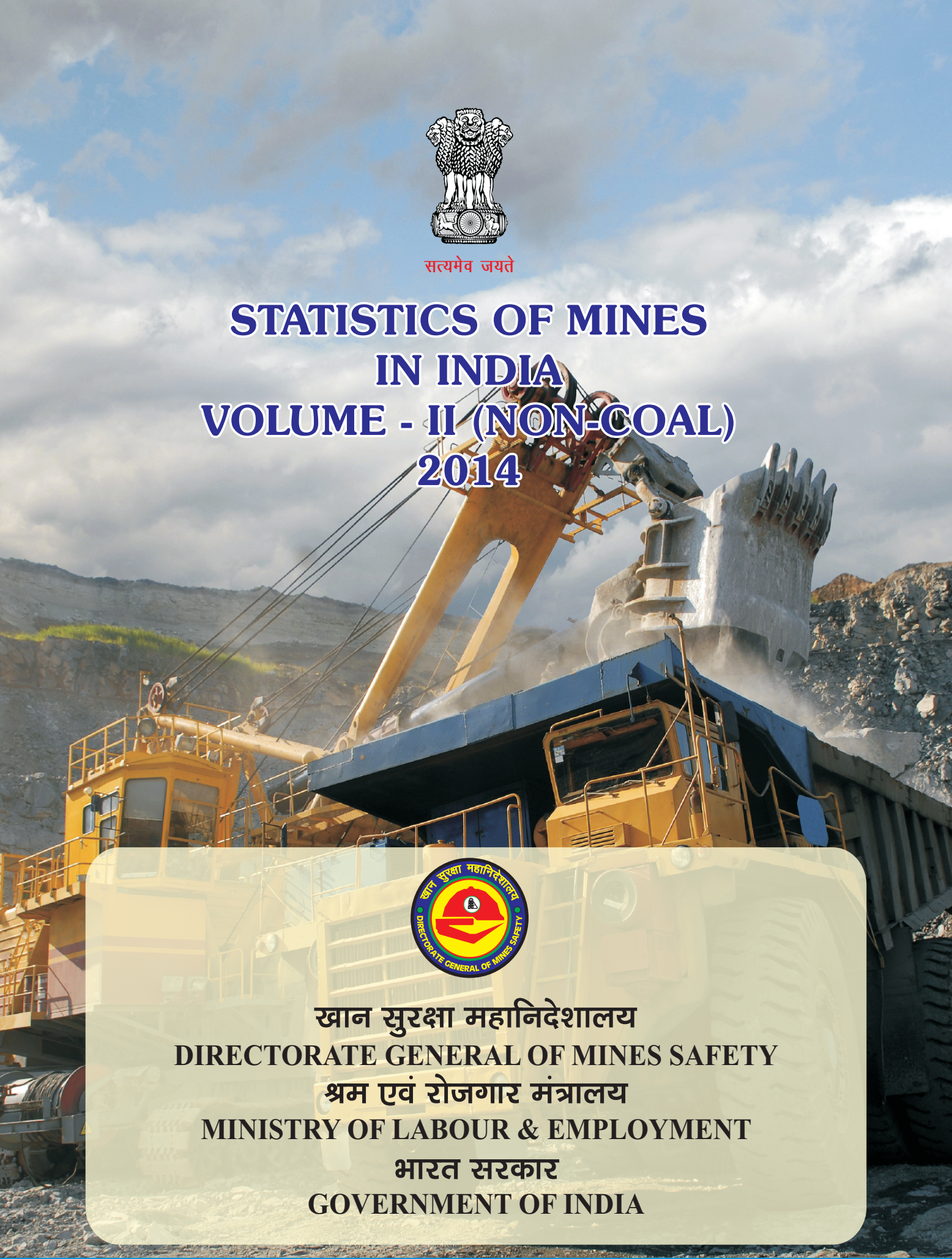

सत्यमेव जयते

STATISTICS OF MINES IN INDIA VOLUME - II (NON-COAL) 2014

खान सुरक्षा महानिदेशालय
DIRECTORATE GENERAL OF MINES SAFETY
श्रम एवं रोजगार मंत्रालय
MINISTRY OF LABOUR & EMPLOYMENT
भारत सरकार
GOVERNMENT OF INDIA

STATISTICS OF MINES IN INDIA

VOLUME-II (NON-COAL)

2014

DIRECTORATE GENERAL OF MINES SAFETY

MINISTRY OF LABOUR &EMPLOYMENT

GOVERNMENT OF INDIA

प्रस्तावना

खान सुरक्षा महानिदेशालय (खा. सु. म. नि.) खान अधिनियम, 1952 में वर्णित प्रावधान के अनुसार कोयला, धातु एवं तेल खानों से विविध प्रकार के वैधानिक विवरण एवं सूचनाएँ प्राप्त करता है। ऑकड़े जो वर्ष 2014 के लिए इस प्रकाशन में प्रस्तुत किए गये हैं वो सिर्फ धातु एवं तेल खानों के लिए हैं और खान अधिनियम 1952 के अन्तर्गत तैयार किए गए धातुमय खान विनियम 1961 के विनियम 5 एवं तेल खान विनियम 1984 के अर्न्तगत प्राप्त विवरणों पर आधारित है।

इस खंड में आउटपुट डाटा, उत्पादित खनिजों का मूल्य तथा विविध प्रकार के खनिजों जिनमें तेल एवं गैस शामिल हैं, के खनन में नियोजन औसत साप्ताहिक मजदूरी, श्रम उपार्जन के सूचकांक की सारणी, हैवी अर्थ मूविंग मशीन का इस्तेमाल, विस्फोटक आदि का उपभोग भी शामिल है। धातु एवं तेल के खानों में प्राणघातक एवं गंभीर दुर्घटनाओं के संदर्भ में सूचना को भी इस प्रकाशन में शामिल किया गया है। इसके अतिरिक्त वर्ष 2014 के दौरान धातु एवं तेल के खानों में घटित प्रत्येक प्राणघातक दुर्घटना के संबंध में डी.जी.एम.एस. के अधिकारियों द्वारा सम्पादित जॉच के नतीजों का संक्षिप्त वर्णन भी दिया गया है। इस प्रकाशन में चार या उससे अधिक मृत्यु की सूची तथा वर्ष 1901 से तेल एवं धातु के खानों में घटित विभिन्न दुर्घटनाओं के लिए गठित जॉच न्यायालयों की अद्यतन सूची को भी शामिल किया गया है।

चूकि अधिकांश धातु उत्पादक खानें असंगठित क्षेत्र में है और उनमें से अधिकांश मौसमी है इसलिए उनसे प्राप्त विवरणी की संख्या वर्ष के दौरान कार्य करने वाली खानों की संख्या की तुलना में कम है। इस खंड में प्रकाशित डाटा प्रतिवेदन देने वाले खानों की सूचना पर आधारित है। हम इसकी खामियों से भिज्ञ हैं तथा इस क्षेत्र के कवरेज को बढ़ाने का प्रयास कर रहे हैं। इसकी सीमाबद्धता के बावजूद आशा है कि यह खंड धातु एवं तेल खनन उद्योग से परोक्ष या अपरोक्ष रूप से जुड़े सभी व्यक्तियों के लिए लाभकारी होगा।

इस खंड में सुधार सम्बन्धित यदि कोई सुझाव हो तो उसका स्वागत है।

जून, 2016
धनबाद।

राहुल गुहा
खान सुरक्षा महानिदेशक

PREFACE

Directorate General of Mines Safety (DGMS) receives various statutory returns and notices from coal, metal and oil mines falling under the purview of the Mines Act, 1952. The statistics presented in this publication for the year 2014 are in respect of metalliferous and oil mines only and are based on returns received under Regulation 5 of the Metalliferous Mines Regulations, 1961 and the Oil Mines Regulations, 1984 framed under the Mines Act, 1952.

This volume contains data on output, value of minerals raised and corresponding employment in mining of different types of minerals, including oil & gas. It also contains information on average weekly wages, index of labour earnings, use of heavy earth moving machineries, consumption of explosives etc. Information in respect of fatal and serious accidents in metalliferous and oil mines is also included in this volume. In addition, it also contains brief description of findings of enquiry conducted by officers of DGMS in respect of each and every fatal accident that occurred in metal and oil mines during the year, 2014. An updated list of 4 or more deaths and a list of court of enquiries held for different accidents in metal and oil mines since 1901 are also included in this publication.

Since a large number of metalliferous mines are in the unorganized sector and many of them are seasonal in nature, the number of returns received is less as compared to the number of mines worked during the year. Data published in this volume is based only on the information furnished by reporting mines. We are aware of the shortcomings and are making efforts to increase the coverage of this sector. In spite of its limitations, it is hoped that this volume will be useful to all persons connected directly or indirectly with the metalliferous and oil mining industry.

Suggestions, if any, for improvement of the volume are welcome.

June, 2016
Dhanbad

(Rahul Guha)
Director General of Mines Safety

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INTRODUCTION

Statistics presented in this publication relate to mines coming under the purview of Mines Act, 1952 and submitting annual returns in form III under the Regulation 5 of the Metalliferous Mines Regulations 1961, Regulation 5 of Oil Mines Regulations, 1984. The Regulations cover all Metalliferous and Oil mines except those exempted from the provisions of the Mines Act 1952 and extend to the whole of Indian Union. The information presented does not cover the employment and output of the atomic minerals. Taking into account the quality and value of the mineral granite as compared to that of stone, it is being compiled separately with effect from the year 1992. The fact may be noted down while making a comparison of data of stone over a period of time.

The Statistics of Non-Coal mines had been presented mainly in five sections as follows:

Section- I. Employment and output of non-coal mines.

Section- II. Usage of machineries in non-coal mines.

Section-III. Consumption of explosives in non-coal mines.

Section- IV. Accidents and resultant casualties in non-coal mines and Summary of findings of statutory enquiries conducted into fatal accidents in non-coal mines occurred during the year, 2014.

SECTION - I

Employment figures presented in the section cover all persons employed in mines as defined in section 2 (h) of Mines Act, 1952 whether employed on permanent or temporary basis, direct or through contractors and include clerical and supervisory staff. They however, exclude the senior supervisory staff like Manager, Agent etc.

The employment figures represented as average daily employment is derived by dividing total manshift worked by the mine in a year by the total number of working days of the mine during the year. These figures and the output presented in the section are compiled from the annual returns submitted and had been added for districts, states and minerals. It may be noted that the output figures presented in the publication refer to the mines coming under the purview of Mines Act, 1952 and returns received at this. These figures, therefore, do not represent the total output of mineral or of any territory whatsoever and are valid only for comparison with other statistics presented herein. For a complete picture of output, references may be made to the publications of Indian Bureau of Mines, Nagpur.

For the year 2014, annual returns have been processed for 2346 returns of non-coal mines out of which 92 are from oil mines/ projects.

Statement No. 1.1 indicates the trend in employment, output and value of some selected non-coal minerals.

Statement No. 1.2 gives district-wise, state-wise and mineral-wise details of average daily employment, output and value of mineral for all the metalliferous mines.

Statement No. 1.3 gives category wise average daily employment by place of workings for different states and minerals.

Statement No. 1.4 gives statewise details of number of mines, average daily employment, output and value of minerals for metalliferous mines.

Statement No.1.5 gives the details of number of mines, average daily employment and output in oil mines.

Statements No. 1.6. and 1.7 present the classification of non-coal mines by size of their overall employment, and classification of belowground mines by size of their belowground and overall employment respectively.

Statement No. 1.8 gives the number of mines, average daily employment, explosives & machineries used, output and values of minerals under different field offices of the Directorate-General of Mines Safety.

Statement No. 1.9 gives average daily employment, explosives and horse power of H.E.M.M and Electrical machineries used, output and value of minerals produced by the owners of organised sector. All the public sector companies have been included in the organised sector. Some private sector companies fulfilling at least one of the following criteria have also been included in this sector: -

i) having 10 or more mines.
ii) employing 1000 or more persons.
iii) using 10,000 or more HEMM horse power.
iv) using 5,000 or more electrical horse power.

SECTION- II

This section deals with usage of machineries in non-coal mines during the year under report and has been presented in statement No. 2.1 to 2.6 while statement No. 2.2 and 2.3 give statistics for electrical machineries installed at above ground and below ground workings respectively. Statement No. 2.4 presents details of heavy earth moving machineries used in non-coal mines. Statement No. 2.5 gives the details of electrical machineries and diesel compressors installed in oil mines. Statement No. 2.6 gives information about the usage of various types of drills and diesel compressors.

SECTION-III

This section gives information regarding trend of consumption of various types of explosives and detonators in metalliferous mines including the year under report and has been presented in statement No. 3.1.

Statement 3.2 gives mineral-wise and state-wise information regarding consumption of various types of explosives and detonators in metalliferous mines during the year under report.

SECTION-IV

Statistics of accidents are compiled from the Notices of accidents submitted to the Directorate-General of Mines Safety as required under the provision of Regulation 9 of Metalliferous Mines Regulations, 1961, Regulation 7 of Oil Mines Regulations 1984 and from the reports of officers who enquired into each and every fatal accidents.

Fatal accidents are those accidents in which at least one death is involved. Serious bodily injury is defined as any injury which involved or in all probability will involve the permanent loss of any part or section of a body or a body or the use of any part or section of a body or the permanent loss of or injury to the sight or hearing or any permanent physical incapacity or the fracture of any bone or one or more joints or bones of any phalanges of hand or foot.

Cases in which neither any life is lost nor any person is seriously injured but could have been happened so, had the persons been present at the spot of accident, are covered under the category "Dangerous Occurrences".

The introduction of new classification codes for place of accidents and cause of accidents for computerization of accidents data has been adopted with effect from the year 1989. These new classification of codes have been used for cause and place of fatal and serious accidents in all the statements.

Content

Notes: 1. Figures of Andhara Pradesh available in state-wise tables includes that of the state Telangana also. The state Telengana was not formed during 2014.

2. Statements where the word "trend" is not mentioned in the heading relate to the year 2014 only.

3. Statements which do not show mineral-wise figures are marked with an asterisk (*).

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Notes: 1. Figures of Andhara Pradesh available in state-wise tables includes that of the state Telangana also. The state Telengana was not formed during 2014.

2. Statements where the word "trend" is not mentioned in the heading relate to the year 2014 only.

3. Statements which do not show mineral-wise figures are marked with an asterisk (*).

SECTION – I

EMPLOYMENT AND OUTPUT

Statement 1.1: Trend in employment and output of some major minerals

Mineral	Year	No. of mines submitting returns	Average daily employment				Output (in '000 tonnes)	Value of output (in million Rs.)
			Below ground	Opencast workings	Above ground	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Bauxite	1961	31	--	2,745	301	3,046	476*	5
	1971	58	14	4,128	673	4,815	1,449	18
	1981	48	--	3,586	731	4,317	1,747	81
	1991	80	--	3,968	959	4,927	3,862	599
	2000	100	--	4,391	996	5,387	6,387	1,339
	2001	98	--	3,739	823	4,562	7,020	1,710
	2002	88	--	3,748	793	4,541	8,967	1,563
	2003	91	--	4,215	714	4,929	10,652	1,809
	2004	85	--	5,423	632	6,055	9,298	1,859
	2005	79	--	4,280	641	4,921	9,178	1,893
	2006	73	--	4,416	584	5,000	9,231	2,226
	2007	82	--	4,779	689	5,468	10,848	2,849
	2008	86	--	4,893	752	5,645	16,991	4,415
	2009	89	--	5,733	840	6,573	12,452	4,038
	2010	93	--	5,766	876	6,642	13,324	5,165
	2011	94	--	5,805	954	6,759	13,697	5,626
	2012	115		6,305	1,123	7,428	16,808	7,124
	2013	122	--	5,822	1,080	6,902	19,377	7,753
	2014	108		5,554	1,083	6637	18,485	8,344
Copper	1961	4	2,868	9	1,311	4,188	423*	23
	1971	12	5,166	--	2,434	7,600	680	53
	1981	14	8,722	574	4,083	13,379	2,011	345
	1991	13	7,972	938	3,934	12,844	5,048	1,982
	2000	10	4,089	392	2,399	6,880	3,209	1,958
	2001	8	2,613	262	1,124	3,999	3,538	1,943
	2002	8	2,712	252	919	3,343	3,197	1,898
	2003	8	1,153	238	1,133	2,524	2,844	1,792
	2004	5	1,129	264	667	2,060	3,096	1,172
	2005	4	987	310	636	1,933	2,660	1,120
	2006	4	1,042	275	638	1,955	3,104	1,703
	2007	5	1,608	235	621	2,464	3,274	1,974
	2008	5	1,637	237	738	2,612	3,061	2,340
	2009	5	1,892	255	915	3,062	3,091	2,378
	2010	5	1,692	243	964	2899	3,944	3,480
	2011	5	1,825	250	1,203	3,278	3,655	3,759
	2012	6	2,099	229	1,454	3,782	3,437	3,770
	2013	6	2,084	218	1,434	3,736	3,890	4,722
	2014	6	2,411	218	1,061	3,690	3,348	3,755
Galena & Sphalarite	1961	2	N.A.	N.A.	N.A.	N.A.	15 *	4
	1971	3	1,123	--	965	2,088	297	7
	1981	6	2,133	88	546	2,767	960	95
	1991	13	3,533	231	2,481	6,245	1,816	543
	2000	12	2,616	--	2,646	5,262	3,319	2,111
	2001	12	2,251	309	2,651	5,211	1,765	1,804
	2002	12	2,017	283	2,196	4,496	3,183	3,564
	2003	12	1,348	602	1,577	3,527	3,534	1,782
	2004	11	1,114	613	2,049	3,776	3,525	2,025
	2005	12	1,040	709	1,481	3,230	4,400	2,219
	2006	11	1,183	342	1,752	3,277	4,232	2,920
	2007	11	1,148	379	1,773	3,300	5,065	4,030
	2008	11	1,201	460	1,609	3,270	7,022	6,179
	2009	11	1,273	484	1,606	3,363	11,742	9,786
	2010	11	1,298	484	1,702	3,484	11,760	9,748

Statement 1.1: Trend in employment and output of some major minerals

Mineral	Year	No. of mines submitting returns	Average daily employment				Output (in '000 tonnes)	Value of output (in million Rs.)
			Below ground	Opencast workings	Above ground	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	2011	12	1,316	708	1,971	3,995	13,499	13,968
	2012	13	1,368	708	1,983	4,059	8,590	9,082
	2013	13	2,348	--	2,142	4,490	7,867	20,471
	2014	13	2,614	890	2,241	5,745	12,750	14,313
Gold	1961[$]	4	9,792	--	6.503	16,295	4,868[*]	59
	1971	4	8,183	--	4,175	12,358	595,043	81
	1981	10	7,641	--	4,644	12,295	503,376	186
	1991	9	5,359	--	3,973	9,332	468,072	730
	2000	9	3,124	102	2,112	5,338	583,186	1,269
	2001	6	1,842	93	1,683	3,618	488,921	1,209
	2002	6	1,727	89	1,526	3,342	622,083	1,489
	2003	4	1,275	60	1,412	2,747	732,636	1,922
	2004	3	1,315	53	1,359	2,727	700,094	2,162
	2005	4	1,544	--	1,569	3,113	623,314	2,350
	2006	4	1,593	--	1,543	3,136	595,760	2,104
	2007	4	1,514	--	1,551	3,065	370,081	1,326
	2008	4	1,456	--	1,604	3,060	647,918	3,607
	2009	4	499	--	1,529	2,028	623,120	3,459
	2010	4	1,536	--	1,500	3,036	681,872	4,606
	2011	5	1,585	--	1,524	3,109	697,000	3,137
	2012	5	1,645	--	1,545	3,190	682,725	3,220
	2013	5	1,699	--	1,703	3,402	695,889	3,152
	2014	6	1,725	78	1,884	3,687	731,364	3,685
Granite	2000	145	--	4,438	859	5,297	346	1,346
	2001	142	--	4,110	1,901	6,011	395	1,942
	2002	166	28	4,519	1,445	5,992	339	2,543
	2003	154	--	4,846	1,366	6,212	471	3,986
	2004	165	--	5,108	1,645	6,753	619	4,419
	2005	179	--	5,456	1,720	7,176	902	5,177
	2006	177	--	5,488	1,945	7,433	1,092	7,064
	2007	186	--	6,240	1,875	8,115	1,441	11,502
	2008	195	--	6,222	1,967	8,189	1,409	10,517
	2009	200	--	6,560	2,091	8,651	1,366	10,446
	2010	206	--	7,275	2,020	9,295	1,539	12,873
	2011	220	--	8,062	2,336	10,398	1,786	15,474
	2012	241	--	8,881	2,579	11,460	3,949	22,026
	2013	251	--	9,673	2,695	12,368	3,608	19,747
	2014	266		10,077	2,722	12,799	4,470	29,499
Iron Ore	1961	225	--	41,003	13,507	54,540	12,270[*]	102
	1971	244	45	39,100	13,376	52,821	32,974	373
	1981	205	--	29,390	15,543	44,933	42,779	1,312
	1991	190	--	24,532	15,518	40,050	60,032	6,418
	2000	218	--	20,729	14,564	35,293	84,770	20,481
	2001	207	--	18,529	13,776	32,305	90,476	22,064
	2002	207	--	20,491	13,166	33,657	99,813	27,841
	2003	221	--	20,137	15,686	35,823	118,813	35,560
	2004	235	--	22,520	16,087	38,607	135,755	51,592
	2005	256	--	22,270	15,207	37,477	155,425	75,524
	2006	244	--	23,680	17,885	41,565	193,495	99,046
	2007	257	--	23,959	1,7822	41781	235,763	141,769
	2008	292	--	25,970	18,958	44,828	230,638	181,739
	2009	309	--	27,729	19,471	47,200	231,021	202,950
	2010	327	12	26,803	20,496	47,311	256,302	221,220

Statement 1.1: Trend in employment and output of some major minerals

Mineral	Year	No. of mines submitting returns	Average daily employment				Output (in '000 tonnes)	Value of output (in million Rs.)
			Below ground	Opencast workings	Above ground	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	2011	342	--	28,882	23,775	52,657	252,173	258,055
	2012	362	--	29,998	25,292	55,290	250,106	263,969
	2013	367	--	27,571	25,362	52,933	224,171	229,793
	2014	367		26,638	23,874	50,512	224,930	254,359
Limestone	1961	175	5	47,076	7,585	54,666	14,346*	67
	1971	261	2	44,295	8,944	53,241	25,260	227
	1981	262	--	41,032	8,738	49,770	32,555	733
	1991	340	--	34,293	9,229	43,522	75,024	3,872
	2000	452	--	22,704	8,424	31,128	148,804	12,046
	2001	422	--	18,294	5,982	24,276	147,345	11,356
	2002	413	--	18,897	6,294	25,191	158,592	12,268
	2003	377	--	18,450	5,815	24,265	1,90,454	15,646
	2004	396	--	18,962	5,816	24,778	2,56,709	20,899
	2005	421	--	20,012	5,816	25,828	2,14,360	20,794
	2006	400	--	19,936	5,685	25,621	2,13,851	21,832
	2007	417	--	21,548	6,157	27,705	2,69,648	27,472
	2008	436	--	21,736	6,366	28,102	2,74,008	34,271
	2009	452	--	21,858	6,715	28,573	2,80,082	42,868
	2010	463	--	22,051	6,222	28,273	3,37,395	50,629
	2011	455	--	22,527	6,094	28,621	3,13,862	47,357
	2012	517	4	23,770	6,357	30,131	3,67,725	74,526
	2013	556	--	25,870	7,837	33,707	4,41,140	65,390
	2014	567	1	25,647	7,824	33,472	4,78,926	86,143
Manganese Ore	1961	416	1,773	34,345	10,923	47,041	1,230*	76
	1971	166	1,889	22,095	6,387	30,371	1,609	87
	1981	155	2,348	18,374	5,812	26,534	1,552	218
	1991	133	2,614	10,243	5,009	17,866	1,683	795
	2000	128	2,624	9,201	4,311	16,136	1,986	2,278
	2001	108	2,498	7,119	4,020	13,637	1,936	2,088
	2002	114	2,550	7,451	3,728	13,729	1,914	2,214
	2003	102	2,457	7,389	3,420	13,266	2,411	2,355
	2004	101	3,010	7,639	3,920	14,569	2,835	3,418
	2005	110	2,823	7,818	4,015	14,656	2,770	4,097
	2006	105	2,549	6,866	3,755	13,170	2,853	4,266
	2007	104	2,648	6,758	3,981	13,387	3,503	5,170
	2008	125	2,585	7,040	3,844	13,469	3,618	10,048
	2009	125	2,249	7,461	3,686	13,396	3,662	12,272
	2010	126	2,185	7,373	4,313	13,871	4,049	14,614
	2011	129	2,866	7,918	5026	15,810	6,084	14,897
	2012	132	2,880	8,174	5,405	16,459	6,770	17,873
	2013	139	2,651	8,572	6,221	17,444	7,338	18,021
	2014	139	2,820	8,414	7,608	18,842	6,591	15,166
Mica	1961	808	17,004	3,616	9,015	29,635	28,347*	24
	1971	345	7,917	369	3,960	12,236	14,356	22
	1981	193	4,620	135	1,980	6,735	7,862	29
	1991	83	1,550	73	550	2,173	3,554	43
	2000	42	667	59	257	983	3,245	59
	2001	32	342	82	185	609	3,202	69
	2002	30	433	30	161	624	2,077	36
	2003	30	401	58	153	612	2,922	32
	2004	31	418	48	165	631	3,290	33
	2005	27	386	62	165	613	4,088	49
	2006	31	323	117	173	613	3,185	40

Statement 1.1: Trend in employment and output of some major minerals

Mineral	Year	No. of mines submitting returns	Average daily employment				Output (in '000 tonnes)	Value of output (in million Rs.)
			Below ground	Opencast workings	Above ground	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	2007	28	376	73	168	617	3,896	57
	2008	33	390	99	200	689	4,081	84
	2009	35	350	102	171	623	3,135	89
	2010	29	326	191	174	691	17,666	165
	2011	29	287	199	177	663	24,414	116
	2012	27	233	164	175	572	12,412	100
	2013	31	240	151	187	578	9,714	120
	2014	33	268	147	164	579	3,215	53
Stone	1961	113	--	4,208	4,316	8,524	1,679	10
	1971	163	--	5,463	3,318	8,781	3,808	31
	1981	174	--	4,493	3,207	7,700	4,105	81
	1991	228	--	8,273	2,970	11,243	11,635	490
	2000	206	--	4,236	2,171	6,407	15,620	970
	2001	209	--	4,208	2,082	6,290	15,151	1,031
	2002	209	--	4,837	2,964	7,801	14,863	1,066
	2003	189	--	4,936	3,043	7,979	10,454	841
	2004	189	--	5,055	2,886	7,941	12,688	1,029
	2005	197	--	4,931	2,114	7,045	20,282	1,398
	2006	171	--	4,641	1,908	6,549	21,728	1,567
	2007	177	--	6,636	2,193	8,829	23,150	1,664
	2008	182	--	4,998	2,008	7,006	31,211	2,062
	2009	180	--	4,997	2,240	7,237	36,670	2,990
	2010	178	--	4,994	2,186	7,180	37,593	3,273
	2011	167	--	4,934	2,124	7,058	37,270	3,276
	2012	181	--	5,010	2,192	7,202	37,001	3,163
	2013	187	--	5,284	2,207	7,491	41,931	3,477
	2014	191		5,278	2,214	7,492	44,209	3,763
Total	1961	2,323	32,156	164,470	63,095	259,721	--	487
Metalliferous	1971	1,995	26,952	152,809	55,151	234,912	--	1,080
	1981	1,768	29,289	135,450	57,158	221,897	--	3,620
	1991	1,787	23,832	116,743	59,658	200,233	--	19,076
	2000	2,022	14,398	91,443	51,071	156,912	--	53,111
	2001	1,907	10,959	80,672	45,010	136,641	--	54,032
	2002	1,870	10,266	83,183	43,489	136,938	--	64,964
	2003	1,716	7,742	84,261	44,965	136,968	--	77,605
	2004	1,764	8,061	89,165	46,318	143,544	--	104,283
	2005	1,835	7,911	88,686	44,320	1,40,917	--	133,418
	2006	1,720	7,814	88,673	46,885	1,43,372	--	162,160
	2007	1,770	8,539	94,934	48,250	1,51,723	--	235,351
	2008	1,904	9,088	97,233	49,766	1,56,087	--	289,354
	2009	1,927	8,251	100,056	51,820	1,60,127	--	325,454
	2010	1,961	9,031	101,083	52,683	162,797	--	366,829
	2011	1,956	9,783	104,665	58,327	172,775	--	419,109
	2012	2,148	9,590	108,965	61,556	180,111	--	448,843
	2013	2,230	10,372	109,327	65,655	185,354	--	423,740
	2014	2,254	11,181	106,849	65,011	183,041		462,475
Oil	1981	8	--	--	14,548	14,548	7,920	2,748
	1991	24	--	--	35,513	35,513	9,508	15,062
							3,543(GS)	3,471
	2000	45	--	--	23,442	23,442	14,244	76,939
							7,821(GS)	16,015
	2001	43	--	--	24,481	24,481	14,564	85,176

Statement 1.1: Trend in employment and output of some major minerals

Mineral	Year	No. of mines submitting returns	Average daily employment				Output (in '000 tonnes)	Value of output (in million Rs.)
			Below ground	Opencast workings	Above ground	Total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
							8,203(GS)	21,571
	2002	42	--	--	22,348	22,348	14,562	101,896
							8,024 (GS)	21,430
	2003	49	--	--	18,592	18,592	18,503	111,504
							8,494(GS)	20,393
	2004	47	--	--	19,155	19,155	16,641	148,418
							6,456(GS)	17,665
	2005	50	--	--	19,288	19,288	16,947	209,428
							6,557(GS)	21,159
	2006	44	--	--	13,932	13,932	21,125	356,215
							4,548(GS)	14,442
	2007	49	--	--	19,211	19,211	14,307	233,350
							7,612(GS)	23,594
	2008	67	--	--	23,574	23,574	14,703	258,856
							12,788(GS)	35,434
	2009	75	--	--	24,895	24,895	17,534	306,800
							15,454(GS)	44,851
	2010	82	--	--	29,443	29,443	22,817	345,904
							15,449(GS)	58,897
	2011	85	--	--	27,347	27,347	18,949	321,355
							18,266 (GS)	78,042
	2012	86	--	--	22,798	22,798	17,678	492,060
							19,394(GS)	103,181
	2013	88	--	--	25,971	25,971	19,319	565,656
							13,925(GS)	88,152
	2014	92			24,815	24,815	22,886	544,443
							13,888(GS)	80,594
Non-coal	1981	1,776	29,289	135,450	71,706	236,445	--	6,368
	1991	1,811	23,832	116,743	95,171	235,746	--	37,609
	2000	2,067	14,398	91,443	74,513	180,354	--	146,065
	2001	1,950	10,959	80,672	69,491	161,122	--	160,779
	2002	1,912	10,266	83,183	65,837	159,286	--	188,291
	2003	1,765	7,742	84,261	63,557	155,560	--	209,503
	2004	1,811	8,061	89,165	65,473	162,699	--	270,367
	2005	1,885	7,911	88,686	63,608	160,205	--	364,005
	2006	1,764	7,814	88,673	60,817	157,304	--	532,817
	2007	1,819	8,539	94,934	67,461	170,934	--	482,295
	2008	1,971	9,088	97,233	73,340	179,661	--	583,644
	2009	2,002	8,251	100,056	76,715	185,022	--	677,105
	2010	2,043	9,031	101,083	82,126	192,240	--	771,629
	2011	2,041	9,783	104,665	85,674	200,112	--	818,504
	2012	2,233	9,590	108,965	84,345	202,909	--	104,4085
	2013	2,318	10,372	109,327	91,626	211,325	--	107,7548
	2014	2,346	11,181	106,849	89,826	207,856		108,7512

Note: (i) Output is in '000 tonnes except for Gold ore, Mica and Gas for which the units are respectively tonnes and million cubic meters.

(ii) *: As compiled by Indian Bureau of Mines, Nagpur

(iii) (R) : Revised, N.A. : Not available, GS : Gas

(iv) $: The unit is 'Kg'.

STATEMENT NO. 1.2

AVERAGE DAILY EMPLOYMENT, OUTPUT AND VALUE IN METALLIFEROUS MINES DURING THE YEAR 2014 : STATE-DISTRICT WISE

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT									OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. APATITE & ROCK PHOSPHATE															
	ANDHRA PRADESH														
	Vishakapatnam	1	1	1	27	--	12	39	32	7	--	--	--	3765	7831
	MADHYA PRADESH														
	Jhabua	1	--	--	--	115	9	124	79	45	--	--	--	49429	21546
	Tikamgarh	1	1	--	--	39	3	42	26	16	--	--	--	11004	21556
	TOTAL : MADHYA PRADESH	2	1	--	--	154	12	166	105	61	--	--	--	60433	43102
	RAJASTHAN														
	Udaipur	4	3	--	--	212	208	420	418	2	--	12	--	670675	509507
	UTTARANCHAL														
	Dehradun	3	3	2	67	--	229	296	296	--	--	--	--	Nil	Nil
	WEST BENGAL														
	Purulia	1	1	--	--	78	24	102	100	2	--	--	--	Nil	Nil
TOTAL : APATITE & ROCK PHOSPHA		11	9	3	94	444	485	1023	951	72	--	12	--	734873	560441
2. BARYTES															
	ANDHRA PARDESH														
	Cuddapah	3	2	1	9	345	339	693	563	130	--	13	88	1091781	3427674
	HIMACHAL PRADESH														
	Sirmaur	1	1	1	16	--	--	16	16	--	--	--	--	588	882
	RAJASTHAN														
	Udaipur	1	1	--	--	11	6	17	17	--	--	--	--	5820	2619
	TELANGANA														
	Khammam	1	1	--	--	29	3	32	32	--	--	--	--	5325	2130
TOTAL : BARYTES		6	5	2	25	385	348	758	628	130	--	13	88	1103514	3433305
3. BAUXITE															
	CHHATTISHGARH														
	Raigarh	1	--	--	--	--	1	1	1	--	--	--	--	Nil	Nil
	Surguja	10	10	--	--	1043	95	1138	1123	15	--	959	34	934861	829449
	Kabirdham	2	1	--	--	519	30	549	549	--	--	162	--	817610	569057
														113515 (PR)	13668
	TOTAL : CHHATTISHGARH	13	11	--	--	1562	126	1688	1673	15	--	1121	34	1752471	1398506
														113515 (PR)	13668
	GUJARAT														
	Jamnagar	11	4	--	--	172	19	191	171	20	--	24	--	904411	190307
														163271 (PR)	35349
	Kutch	14	14	--	--	293	12	305	233	72	--	229	5	660009	509871
	TOTAL : GUJARAT	25	18	--	--	465	31	496	404	92	--	253	5	1564420	700178
														163271 (PR)	35349
JHARKHAND															
	Gumla	13	7	--	--	1106	116	1222	1222	--	--	288	17	1352693	621131
	Lohardaga	8	5	--	--	659	189	848	847	1	--	166	--	1522094	792902
	LATEHAR	1	1	--	--	89	4	93	93	--	--	--	--	62134	39728
	TOTAL : JHARKHAND	22	13	--	--	1854	309	2163	2162	1	--	454	17	2936921	1453762

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	KARNATAKA														
	Belgaum	1	1	--	--	19	2	21	21	--	--	--	--	118000	4720
	Udipi	1	--	--	--	2	2	4	4	--	--	--	--	Nil	Nil
	TOTAL : KARNATAKA	2	1	--	--	21	4	25	25	--	--	--	--	118000	4720
	MADHYA PRADESH														
	Chhatarpur	1	--	--	--	27	2	29	19	10	--	--	--	1929	77
	Jabalpur	2	--	--	--	159	7	166	107	59	--	112	--	110071	61455
	Rewa	3	--	--	--	63	--	63	63	--	--	--	--	57855	19429
	Satna	3	--	--	--	40	6	46	40	6	--	--	--	52750	7818
	Shivpuri	Employment with Steatite												573	1261
	Katni	2	--	--	--	73	4	77	53	24	--	--	--	14835	632
	Anuppur	2	2	--	--	199	21	220	220	--	--	--	--	297375	96480
	TOTAL : MADHYA PRADESH	13	2	--	--	561	40	601	502	99	--	112	--	535388	187151
	MAHARASHTRA														
	Kolhapur	9	7	--	--	283	38	321	285	36	--	96	19	2565739	394931
														320028 (PR)	59205
	Ratnagiri	4	3	--	--	56	31	87	87	--	--	5	--	464953	420325
	Raigad	9	4	--	--	140	6	146	146	--	--	82	--	493150	109309
	TOTAL : MAHARASHTRA	22	14	--	--	479	75	554	518	36	--	183	19	3523842	924565
														320028 (PR)	59205
	ORISSA														
	Koraput	2	2	--	--	318	463	781	780	1	--	86	303	6091454	3050881
	Sundergarh	2	--	--	--	7	3	10	9	1	--	1	--	Nil	Nil
	Rayagada	1	1	--	--	46	1	47	47	--	--	--	--	1064314	425855
	TOTAL : ORISSA	5	3	--	--	371	467	838	836	2	--	87	303	7155768	3476736
	TAMIL NADU														
	Salem	2	--	--	--	22	12	34	34	--	--	--	--	285103	85968
	UTTAR PRADESH														
	Jhansi	1	--	--	--	19	1	20	13	7	--	--	--	100	4
	Lalitpur	3	1	--	--	200	18	218	176	42	--	--	--	16597 (PR)	4171
	TOTAL : UTTAR PRADESH	4	1	--	--	219	19	238	189	49	--	--	--	100	4
														16597 (PR)	4171
	TOTAL : BAUXITE	108	63	--	--	5554	1083	6637	6343	294	--	2210	378	17872013	8231590
														613411 (PR)	112393
4.	CALCITE														
	RAJASTHAN														
	Sikar	1	1	--	--	297	98	395	323	72	--	31	--	93695	58317
	Sirohi	1	1	--	--	37	24	61	46	15	--	--	--	44285	17595
	Udaipur	1	1	--	--	2	3	5	5	--	--	--	--	3548	2383
	TOTAL : RAJASTHAN	3	3	--	--	336	125	461	374	87	--	31	--	141528	78295
	TOTAL : CALCITE	3	3	--	--	336	125	461	374	87	--	31	--	141528	78294
5.	CHINA CLAY,CLAY,WHITE-CLAY														
	ANDHRA PRADESH														
	Anantpur	1	--	--	--	21	--	21	21	--	--	--	--	17920	717
	Cuddapah	3	--	--	--	101	1	102	70	32	--	--	--	75570	8376
	Krishna	Employment with Limestone												12100	2823

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Kurnool	1	--	--	--	11	--	11	11	--	--	--	--	6067	608
	West Godavari	4	1	--	--	45	3	48	48	--	--	--	--	17330	32989
														36910 (PR)	34
	TOTAL : ANDHRA PRADESH	9	1	--	--	178	4	182	150	32	--	--	--	128987	45512
														36910 (PR)	34
	GUJARAT														
	Amreli	1	1	--	--	9	--	9	9	--	--	--	--	44123	6993
	Banas Kantha	2	--	--	--	36	--	36	36	--	--	--	--	72121	7212
	Kutch	14	--	--	--	221	4	225	225	--	--	65	--	36261	9113
	Mehasana	4	3	--	--	2	49	51	51	--	--	--	--	8400	2698
														16985 (PR)	8713
	Sabar Kantha	2	2	--	--	1	27	28	28	--	--	--	--	27624	39344
														5534 (PR)	9131
	Patan	5	--	--	--	90	--	90	90	--	--	--	--	82320	9435
	TOTAL : GUJARAT	28	6	--	--	359	80	439	439	--	--	65	--	270849	74795
														22519 (PR)	17844
	HARYANA														
	Gurgaon	2	--	--	--	50	16	66	66	--	--	11	7	86592	4661
	JHARKHAND														
	Sahebganj	3	3	--	--	98	330	428	346	82	--	--	--	75165	7742
														52776 (PR)	9915
	West Singbhum	6	3	--	--	43	98	141	104	37	--	--	--	42122	16063
														9045 (PR)	3967
	TOTAL : JHARKHAND	9	6	--	--	141	428	569	450	119	--	--	--	117287	23806
														61821 (PR)	13883
	KARNATAKA														
	Hassan	1	1	--	--	14	27	41	37	4	--	--	--	2384	1513
	Shimoga	1	--	--	--	1	8	9	9	--	--	--	--	12130	372
	Tumkur	1	--	--	--	15	2	17	13	4	--	--	--	25860 (PR)	7229
	TOTAL : KARNATAKA	3	1	--	--	30	37	67	59	8	--	--	--	14514	1886
														25860 (PR)	7229
	KERALA														
	Kannur	5	3	--	--	113	217	330	144	186	--	--	--	28314	21483
														2225 (FN)	16997
	Trivundrum	4	4	--	--	59	66	125	115	10	--	30	--	453318	68622
	Kollam	2	2	--	--	7	87	94	94	--	--	1	--	23979	3263
	Kasaragod	1	1	--	--	17	34	51	22	29	--	--	--	5897	804
	Thiruvananthapuram	1	--	--	--	5	2	7	7	--	--	--	--	3440	929
	TOTAL : KERALA	13	10	--	--	201	406	607	382	225	--	31	--	514948	95101
														2225 (FN)	16997
	MADHYA PRADESH														
	Katni	Employment with Limestone												294575	98564
	ORISSA														
	Mayurbhanj	1	1	--	--	43	16	59	27	32	--	--	--	7341 (PR)	2872
	RAJASTHAN														
	Bhilwara	1	--	--	--	10	5	15	15	--	--	--	--	33285	14932
	Bikaner	24	4	--	--	298	72	370	358	12	--	--	1	1093939	473978
	Jaipur	2	2	--	--	52	15	67	51	16	--	--	--	105500	29743

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Nagaur	1	1	--	--	1	1	2	2	--	--	--	--	Nil	Nil
	TOTAL : RAJASTHAN	28	7	--	--	361	93	454	426	28	--	--	1	1232724	518653
	TAMIL NADU														
	Cuddalore	1	1	--	--	11	3	14	14	--	--	--	--	25760	3916
	WEST BENGAL														
	Birbhum	6	3	--	--	173	137	310	310	--	--	--	--	92267	55664
														24357 (PR)	7012
														24357 (PR)	7012
	TOTAL : CHINA CLAY,CLAY,WHITE-	100	36	--	--	1547	1220	2767	2323	444	--	107	8	2778503	922557
														2225 (FN)	16997
														178808 (PR)	48873
6.	CHROMITE														
	KARNATAKA														
	Hassan	4	2	1	66	60	128	254	205	49	--	--	--	5268	15055
	ORISSA														
	Dhenkanal	2	2	--	--	1	168	169	168	1	--	--	--	Nil	Nil
	Keonjhar	4	3	3	714	4	756	1474	1038	436	3	--	8	193675	245700
	Jajpur	19	15	1	91	3572	4989	8652	8328	324	71	920	2273	1582903	8148814
														246471 (FN)	289742
														115911 (LM)	620516
														892652 (PR)	3363271
	TOTAL : ORISSA	25	20	4	805	3577	5913	10295	9534	761	74	920	2281	1776578	8394514
														246471 (FN)	289742
														115911 (LM)	620516
														892652 (PR)	3363271
	TOTAL : CHROMITE	29	22	5	871	3637	6041	10549	9739	810	74	920	2281	1781846	8409570
														246471 (FN)	289742
														115911 (LM)	620516
														892652 (PR)	3363271
7.	COPPER														
	JHARKHAND														
	West Singbhum	3	3	3	921	--	404	1325	1324	1	--	--	--	308850	338039
	MADHYA PRADESH														
	Balaghat	1	1	--	--	218	125	343	343	--	--	--	--	2483954	2406951
	RAJASTHAN														
	Jhunjhunu	2	2	2	1490	--	532	2022	2013	9	941	--	208	555617	1010319
	TOTAL : COPPER	6	6	5	2411	218	1061	3690	3680	10	941	--	208	3348421	3755309
8.	DIAMOND														
	MADHYA PRADESH														
	Panna	1	1	--	--	26	66	92	92	--	--	--	--	37325	6282720
	TOTAL : DIAMOND	1	1	--	--	26	66	92	92	--	--	--	--	37325	6282720

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9. DOLOMITE															
	ANDHRA PRADESH														
	Anantpur	1	--	--	--	11	--	11	11	--	--	--	--	23557	4395
	Kurnool	5	2	--	--	245	4	249	249	--	--	--	--	848495	111918
														5900 (FN)	1180
														24388 (LM)	10975
	TOTAL : ANDHRA PRADESH	6	2	--	--	256	4	260	260	--	--	--	--	872052	116312
														5900 (FN)	1180
														24388 (LM)	10975
	CHHATTISHGARH														
	Bilaspur	6	6	--	--	627	517	1144	1052	92	--	119	--	2602663	949367
	Janjgir(champa)	5	3	--	--	193	23	216	179	37	--	--	--	366534	121812
	TOTAL : CHHATTISHGARH	11	9	--	--	820	540	1360	1231	129	--	119	--	2969197	1071179
	JHARKHAND														
	Garhwa	1	1	--	--	139	35	174	174	--	--	130	--	169519	144691
	KARNATAKA														
	Belgaum	1	--	--	--	1	--	1	1	--	--	--	--	Nil	Nil
	Bijapur	1	--	--	--	36	9	45	25	20	--	--	--	23506	11325
	Tumkur	Employment with Limestone and Steatite												52000	48822
	Bagalkot	6	1	--	--	86	6	92	66	26	--	--	--	287745	196677
	TOTAL : KARNATAKA	8	1	--	--	123	15	138	92	46	--	--	--	363251	256825
	MADHYA PRADESH														
	Balaghat	1	1	--	--	225	--	225	118	107	--	--	--	4050	1483
	Chhindwara	1	--	--	--	5	--	5	5	--	--	--	--	11165	761
	Mandla	1	--	--	--	12	2	14	12	2	--	--	--	11290	46566
	Sidhi	Employment with Limestone												Nil	Nil
	Katni	2	--	--	--	57	8	65	50	15	--	15	--	31174	342
	TOTAL : MADHYA PRADESH	5	1	--	--	299	10	309	185	124	--	15	--	57679	49151
														Nil	Nil
	MAHARASHTRA														
	Chandrapur	1	1	--	--	8	7	15	8	7	--	--	--	20413 (PR)	5818
	Nagpur	1	1	--	--	17	8	25	20	5	--	--	--	1347	428
	Yavatmal	1	1	--	--	17	4	21	21	--	--	--	--	81209	20302
														71482 (PR)	15940
	TOTAL : MAHARASHTRA	3	3	--	--	42	19	61	49	12	--	--	--	82556	20730
														91895 (PR)	21758
	ORISSA														
	Sundergarh	3	2	--	--	110	162	272	264	8	--	70	119	261994	92294
														74115 (PR)	59565
														74115 (PR)	59565
	RAJASTHAN														
	Rajsamand	Employment with Limestone and Steatite												23442	82047
	TELANGANA														
	Khammam	1	1	--	--	54	91	145	141	4	--	--	--	506369	335200

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT									OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	WEST BENGAL														
	Jalpaiguri	1	--	--	--	--	31	31	31	--	--	--	--	Nil	Nil
TOTAL : DOLOMITE		39	20	--	--	1843	907	2750	2427	323	--	334	119	5306059	2168430
														5900 (FN)	1180
														24388 (LM)	10975
														166010 (PR)	81323
10.	EMERALD														
	ORISSA														
	Kalahandi	1	--	--	--	--	1	1	1	--	--	--	--	Nil	Nil
TOTAL : EMERALD		1	--	--	--	--	1	1	1	--	--	--	--	Nil	Nil
11.	FELSPAR														
	ANDHRA PRADESH														
	Nellore	5	3	1	24	104	15	143	120	23	--	--	--	712704	105063
														31052 (PR)	53061
														31052 (PR)	53061
	KARNATAKA														
	Mysore	3	--	--	--	19	9	28	11	17	--	--	--	592	301
	RAJASTHAN														
	Bhilwara	Employment with Mica												21638	5751
	TELANGANA														
	Mahboob Nagar	3	1	--	--	47	6	53	53	--	--	--	--	31879	8496
	WEST BENGAL														
	Birbhum	1	--	--	--	15	2	17	17	--	--	14	--	668	207
														2708 (LM)	1312
														2708 (LM)	1312
TOTAL : FELSPAR		12	4	1	24	185	32	241	201	40	--	14	--	767481	119818
														2708 (LM)	1312
														31052 (PR)	53061
12.	FIRE-CLAY														
	ANDHRA PRADESH														
	East Godavari	2	--	--	--	30	--	30	30	--	--	--	--	11100	1191
	GUJARAT														
	Kutch	2	--	--	--	36	--	36	36	--	--	18	--	7550	755
	MADHYA PRADESH														
	Jabalpur	2	--	--	--	35	4	39	23	16	--	--	--	32518	1743
	Katni	1	--	--	--	23	--	23	23	--	--	--	--	2800	286
TOTAL : MADHYA PRADESH		3	--	--	--	58	4	62	46	16	--	--	--	35318	2029
	ORISSA														
	Angul	1	--	--	--	28	1	29	29	--	--	--	--	880	531
	Cuttack	4	1	--	--	67	15	82	82	--	--	--	--	16698	4208
	Sundergarh	1	--	--	--	20	--	20	20	--	--	--	--	6360	1049
	Bargarh	1	--	--	--	19	--	19	19	--	--	--	--	981	234
TOTAL : ORISSA		7	1	--	--	134	16	150	150	--	--	--	--	24919	6023

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	RAJASTHAN														
	Bikaner	11	--	--	--	145	12	157	145	12	--	--	--	425427	46033
	TAMIL NADU														
	Tiruchirapalli	1	--	--	--	13	--	13	2	11	--	--	--	10580	4951
	Perambalur	2	--	--	--	30	--	30	7	23	--	--	--	10810	3773
	Cuddalore	1	--	--	--	43	--	43	43	--	--	--	--	7249	808
	TOTAL : TAMIL NADU	4	--	--	--	86	--	86	52	34	--	--	--	28639	9532
	WEST BENGAL														
	Birbhum	Employment with China Clay,clay,white-clay												28775	4687
	Purulia	1	--	--	--	32	2	34	34	--	--	--	--	760	151
	TOTAL : WEST BENGAL	1	--	--	--	32	2	34	34	--	--	--	--	29535	4838
	TOTAL : FIRE-CLAY	30	1	--	--	521	34	555	493	62	--	18	--	562488	70401
13.	FLUORITE														
	GUJARAT														
	Vadodara(Baroda)	1	1	--	--	23	3	26	26	--	--	--	--	Nil	Nil
	MAHARASHTRA														
	Chandrapur	1	--	--	--	48	7	55	40	15	--	--	--	3095 (LM)	1832
	TOTAL : FLUORITE	2	1	--	--	71	10	81	66	15	--	--	--	Nil 3095 (LM)	Nil 1832
14.	GALENA & SPHALARITE														
	ANDHRA PRADESH														
	Guntur	1	1	1	10	--	30	40	40	--	8	--	30	1079	811
	RAJASTHAN														
	Ajmer	1	1	1	58	--	55	113	113	--	49	--	55	Nil	Nil
	Bhilwara	2	2	1	129	890	1076	2095	2091	4	129	673	728	4356181	9578509
	Jhunjhunu	Employment with Copper												460978	850033
	Udaipur	7	7	4	1134	--	592	1726	1682	44	156	--	143	5580930	1199700
	Rajsamand	2	2	2	1283	--	488	1771	1766	5	--	--	--	1947605	2683855
	TOTAL : RAJASTHAN	12	12	8	2604	890	2211	5705	5652	53	334	673	926	12345694	14312097
	TOTAL : GALENA & SPHALARITE	13	13	9	2614	890	2241	5745	5692	53	342	673	956	12346773	14312909
15.	GARNET														
	ANDHRA PRADESH														
	Srikakulam	2	--	--	--	38	38	76	66	10	--	37	--	156329	14902
	TAMIL NADU														
	Kanyakumari	1	--	--	--	1002	--	1002	1002	--	--	998	--	417427	284038
	Tirunelveli	4	--	--	--	100	20	120	98	22	--	14	--	284675	365684
	TOTAL : TAMIL NADU	5	--	--	--	1102	20	1122	1100	22	--	1012	--	702102	649722
	TOTAL : GARNET	7	--	--	--	1140	58	1198	1166	32	--	1049	--	858431	664624

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT						CONTRACT LABOUR			OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	B/G	O/C	A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
16. GOLD															
	JHARKHAND														
	East Singhbhum	1	1	1	36	--	16	52	52	--	--	--	--	5052	22367
	KARNATAKA														
	Raichur	4	3	3	1682	78	1853	3613	3422	191	--	--	--	726312	3635637
	UTTARANCHAL														
	Pithoragarh(left side)	1	1	1	7	--	15	22	22	--	--	--	--	Nil	Nil
TOTAL : GOLD		6	5	5	1725	78	1884	3687	3496	191	--	--	--	731364	3658004
17. GRANITE															
	ANDHRA PRADESH														
	Chittoor	1	1	--	--	99	6	105	105	--	--	--	--	8383	75351
	Guntur	1	1	--	--	17	3	20	20	--	--	--	--	624695	7980265
	Prakasham	92	86	--	--	4381	1729	6110	6064	46	--	249	158	1063757	11411138
														31478 (PR)	322391
	Srikakulam	4	4	--	--	101	24	125	125	--	--	--	--	9970	79872
TOTAL : ANDHRA PRADESH		98	92	--	--	4598	1762	6360	6314	46	--	249	158	1706805	19546626
														31478 (PR)	322391
	GOA														
	North Goa	1	1	--	--	13	8	21	21	--	--	4	4	29858	8925
	South Goa	1	--	--	--	44	6	50	50	--	--	--	--	75785	1292
TOTAL : GOA		2	1	--	--	57	14	71	71	--	--	4	4	105643	10217
	KARNATAKA														
	Bangalore	2	1	--	--	28	1	29	28	1	--	--	--	463	3120
	Belgaum	1	--	--	--	56	--	56	54	2	--	--	--	Nil	Nil
	Bellary	2	2	--	--	25	--	25	25	--	--	--	--	1903	17958
	Bijapur	4	4	--	--	452	72	524	514	10	--	--	--	23860	633110
	Gulbarga	1	1	--	--	80	9	89	89	--	--	--	--	Nil	Nil
	Hassan	3	1	--	--	46	7	53	51	2	--	--	--	216982	1249636
	Mandya	1	--	--	--	12	4	16	16	--	--	9	--	923	27336
	Mysore	2	--	--	--	21	2	23	23	--	--	--	--	296	1094
	Raichur	2	2	--	--	52	5	57	57	--	--	--	--	4364	33847
	Bagalkot	4	4	--	--	476	102	578	576	2	--	--	--	31933	466795
	KOPPAL	2	2	--	--	45	11	56	54	2	--	--	--	21296	190063
	CHAMARAJANAGAR	2	1	--	--	23	5	28	28	--	--	--	--	161	1352
	Ramanagara	3	2	--	--	39	7	46	43	3	--	--	2	980	9800
														313500 (PR)	2310077
TOTAL : KARNATAKA		29	20	--	--	1355	225	1580	1558	22	--	9	2	303161	2634110
														313500 (PR)	2310077
	KERALA														
	Ernakulam	4	4	--	--	113	21	134	88	46	--	10	3	62897	46970
														756 (FN)	300
														3144 (LM)	562
	Malappuram	1	1	--	--	14	8	22	16	6	--	--	--	28531	11983
	Pathanamthitta	6	6	--	--	118	13	131	131	--	--	--	--	617148	236919
	Trichur	3	2	--	--	81	7	88	88	--	--	30	--	221626	1355521
	Trivundrum	2	2	--	--	15	42	57	47	10	--	--	11	641	5400
	Palakkad	1	1	--	--	2	1	3	3	--	--	--	--	Nil	Nil
TOTAL : KERALA		17	16	--	--	343	92	435	373	62	--	40	14	930843	1656793
														756 (FN)	300
														3144 (LM)	562

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	MADHYA PRADESH														
	Chhatarpur	1	1	--	--	185	20	205	205	--	--	--	--	Nil	Nil
	ORISSA														
	Kalahandi	1	1	--	--	26	4	30	30	--	--	--	--	6002	31361
	TELANGANA														
	Karimnagar	6	6	--	--	207	26	233	233	--	--	--	--	50988	357732
														8511 (PR)	14344
	Khammam	1	1	--	--	11	--	11	11	--	--	--	--	248	430
	Nalgonda	2	2	--	--	24	2	26	26	--	--	--	--	1194	7982
	Ranga Reddy	1	--	--	--	23	--	23	23	--	--	--	--	1000	6641
	Warangal	3	3	--	--	133	12	145	144	1	--	--	--	9141	50634
	TOTAL : TELANGANA	13	12	--	--	398	40	438	437	1	--	--	--	62571	423419
														8511 (PR)	14344
	TAMIL NADU														
	Dharmapuri	22	18	--	--	615	90	705	705	--	--	--	1	30280	459595
														405 (PR)	1454
	Kanyakumari	1	1	--	--	1	1	2	2	--	--	--	--	Nil	Nil
	Madurai	10	9	--	--	311	74	385	382	3	--	143	--	22026	285263
														1388 (PR)	5955
	Periyar	2	2	--	--	160	10	170	170	--	--	--	--	17807	123846
	Pudukkottai	1	--	--	--	23	3	26	26	--	--	--	--	734	770
	Salem	15	14	--	--	522	65	587	584	3	--	--	--	258339	191084
	South Arcot	2	2	--	--	53	6	59	59	--	--	--	--	55346	355399
	Thanjavur	1	1	--	--	19	--	19	19	--	--	--	--	999	633
	Tiruchirapalli	1	1	--	--	36	--	36	36	--	--	--	--	719	5657
	Tirunelveli	5	5	--	--	68	11	79	79	--	--	43	5	7530	89145
	V.R.P.	6	6	--	--	288	57	345	335	10	--	--	--	29894	343030
	Virudhunagar	2	1	--	--	24	21	45	45	--	--	12	--	1397	14407
	Vellore	6	5	--	--	185	22	207	207	--	--	118	11	11689	74858
	Villupuram	11	11	--	--	247	74	321	311	10	--	13	--	10099	131027
	Karur	3	--	--	--	58	4	62	60	2	--	12	--	13020	95588
														842 (PR)	5538
	Sivaganga	1	1	--	--	16	2	18	18	--	--	--	--	1116	2500
	KRISHNAGIRI	12	11	--	--	369	15	384	384	--	--	37	1	519183	154821
														1000 (PR)	6026
	TOTAL : TAMIL NADU	101	88	--	--	2995	455	3450	3422	28	--	378	18	980178	2327623
														3635 (PR)	18973
	UTTAR PRADESH														
	Lalitpur	3	3	--	--	108	109	217	217	--	--	--	--	13596	202500
	WEST BENGAL														
	Birbhum	1	1	--	--	12	1	13	13	--	--	--	--	Nil	Nil
TOTAL : GRANITE		266	235	--	--	10077	2722	12799	12640	159	--	680	196	4108799	26832649
														756 (FN)	300
														3144 (LM)	562
														357124 (PR)	2665785
18. GRAPHITE															
	JHARKHAND														
	Palamau	2	1	--	--	35	--	35	35	--	--	--	--	3515	23
	Saraikhela Kharsawan	1	--	--	--	17	--	17	17	--	--	16	--	2645	714
	TOTAL : JHARKHAND	3	1	--	--	52	--	52	52	--	--	16	--	6160	737

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	ORISSA														
	Bolangir	6	2	--	--	113	12	125	50	75	--	--	--	12698	9332
	Phulabani	1	1	--	--	53	3	56	39	17	--	--	--	10201	2958
	Nuapada	1	1	--	--	15	1	16	8	8	--	--	--	1007	771
	Rayagada	2	--	--	--	31	--	31	31	--	--	--	--	447	326
	TOTAL : ORISSA	10	4	--	--	212	16	228	128	100	--	--	--	24353	13387
	TAMIL NADU														
	Sivaganga	1	--	--	--	41	3	44	44	--	--	--	--	60228	30667
	TOTAL : GRAPHITE	14	5	--	--	305	19	324	224	100	--	16	--	90741	44791
19.	GYPSUM														
	JAMMU & KASHMIR														
	Deda	1	--	--	--	18	9	27	27	--	--	--	--	14046	4215
	Ramban	2	--	--	--	77	9	86	86	--	--	38	--	51770	25286
	TOTAL : JAMMU & KASHMIR	3	--	--	--	95	18	113	113	--	--	38	--	65816	29501
	RAJASTHAN														
	Barmer	1	--	--	--	2	2	4	4	--	--	--	--	Nil	Nil
	Bikaner	13	4	--	--	76	43	119	119	--	--	8	--	2093600	1101762
	Sriganganagar	12	--	--	--	29	23	52	52	--	--	3	--	219480	124325
	Jaisalmer	3	3	--	--	13	2	15	15	--	--	3	--	445812	1236953
	Nagaur	1	1	--	--	4	8	12	12	--	--	--	--	123281	64723
	Hanumangarh	4	--	--	--	4	6	10	10	--	--	--	--	Nil	Nil
	Sri Ganganagar	2	--	--	--	6	1	7	7	--	--	--	--	81925	74853
	TOTAL : RAJASTHAN	36	8	--	--	134	85	219	219	--	--	14	--	2964098	2602615
	TOTAL : GYPSUM	39	8	--	--	229	103	332	332	--	--	52	--	3029914	2632116
20.	IRON														
	ANDHRA PRADESH														
	Anantpur	4	1	--	--	63	9	72	72	--	--	--	--	2606087	2606087
	Cuddapah	1	--	--	--	5	--	5	5	--	--	--	--	Nil	Nil
	Kurnool	11	2	--	--	192	--	192	192	--	--	--	--	129906	340383
														38247 (FN)	11893
														158284 (LM)	58076
	TOTAL : ANDHRA PRADESH	16	3	--	--	260	9	269	269	--	--	--	--	2735993	2946470
														38247 (FN)	11893
														158284 (LM)	58076
	CHHATTISHGARH														
	Bastar	1	1	--	--	97	179	276	276	--	--	--	35	2412068 (FN)	2988383
														1486370 (LM)	3171824
	Durg	6	6	--	--	1114	1246	2360	2309	51	--	207	54	5818042	3911416
	Rajnandgaon	1	1	--	--	311	5	316	316	--	--	290	--	137560	85837
	Kanker	1	1	--	--	399	31	430	430	--	--	395	--	260639	190006
														96284 (FN)	162802
	Dantewara	2	2	--	--	678	1033	1711	1711	--	--	--	--	11723684 (FN)	30328655
														5961383 (LM)	16965020
	TOTAL : CHHATTISHGARH	11	11	--	--	2599	2494	5093	5042	51	--	892	89	6216241	4187260
														14232036 (FN)	33479840
														7447753 (LM)	20136843

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	GOA														
	North Goa	38	25	--	--	1469	1029	2498	2484	14	--	199	51	7396056	991904
														2145858 (FN)	462831
														442207 (LM)	151604
														85710 (PR)	156436
	South Goa	46	26	--	--	1299	487	1786	1747	39	--	480	116	3009726	636974
														1344758 (FN)	383543
														505347 (LM)	1075438
														3032985 (PR)	2275311
	Margaon	2	1	--	--	27	18	45	45	--	--	8	1	92600	10782
	TOTAL : GOA	86	52	--	--	2795	1534	4329	4276	53	--	687	168	10498382	1639659
														3490616 (FN)	846373
														947554 (LM)	1227041
														3118695 (PR)	2431747
	JHARKHAND														
	West Singbhum	25	17	--	--	2299	5593	7892	7521	371	--	1139	2131	8751035	5790187
														8274078 (FN)	3984141
														3318408 (LM)	2410615
														6276973 (PR)	6143643
														8274078 (FN)	3984141
														3318408 (LM)	2410615
														6276973 (PR)	6143643
	KARNATAKA														
	Bellary	72	53	--	--	4005	1621	5626	5518	108	--	1108	127	6111692	3418714
														9459834 (FN)	17392666
														4248281 (LM)	14288622
														6314098 (PR)	8944492
	Bijapur	2	2	--	--	26	13	39	27	12	--	--	--	247200	86520
														273713 (FN)	67078
	Chikmagalur	1	1	--	--	18	--	18	18	--	--	--	--	67326	5857
	Chitradurga	14	12	--	--	1213	122	1335	1332	3	--	363	54	6151672	3178931
														331817 (FN)	471259
														28396 (LM)	55124
	Dharwar	1	1	--	--	25	9	34	34	--	--	24	3	623095	184703
	Tumkur	9	6	--	--	187	75	262	257	5	--	50	29	537930	204403
														155990 (FN)	69589
														79014 (LM)	77791
														85340 (PR)	23469
	Bagalkot	1	--	--	--	14	--	14	10	4	--	--	--	24750	6188
	TOTAL : KARNATAKA	100	75	--	--	5488	1840	7328	7196	132	--	1545	213	13763665	7085316
														10221354 (FN)	18000593
														4355691 (LM)	14421537
														6399438 (PR)	8967960
	MADHYA PRADESH														
	Jabalpur	6	4	--	--	59	84	143	142	1	--	--	--	231114	81183
														630001 (FN)	426491
														160593 (LM)	90005
														630001 (FN)	426491
														160593 (LM)	90005
	MAHARASHTRA														
	Bhandara	1	--	--	--	36	11	47	44	3	--	--	--	10110	3340
	Chandrapur	1	1	--	--	179	5	184	184	--	--	--	--	250609	56387
	Gadehiroti	1	--	--	--	2	1	3	3	--	--	--	--	Nil	Nil
	Sindhudurg	11	10	--	--	631	79	710	710	--	--	218	28	2550142	6742129
														39351 (FN)	37689
	TOTAL : MAHARASHTRA	14	11	--	--	848	96	944	941	3	--	218	28	2810861	6801856
														39351 (FN)	37689

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	ORISSA														
	Bolangir	1	--	--	--	1	15	16	16	--	--	--	--	Nil	Nil
	Keonjhar	59	47	--	--	7364	8487	15851	14799	1052	--	3594	3715	55803817	42253394
														8819732 (FN)	10307083
														9179663 (LM)	12156282
														9916523 (PR)	15029862
	Mayurbhanj	7	3	--	--	1120	1091	2211	1637	574	--	--	--	722003	2184151
														1694580 (FN)	6792634
														580984 (LM)	69330
	Sundergarh	40	32	--	--	3327	2276	5603	5074	529	--	1622	791	13461096	13640530
														3436920 (FN)	7757471
														835077 (LM)	2064190
														1465060 (PR)	665378
	TOTAL : ORISSA	107	82	--	--	11812	11869	23681	21526	2155	--	5216	4506	69986916	58078075
														13951232 (FN)	24857188
														10595724 (LM)	14289802
														11381583 (PR)	15695240
	RAJASTHAN														
	Bhilwara	1	1	--	--	424	341	765	765	--	--	--	--	4668147	1016
	Jaipur	1	1	--	--	54	14	68	68	--	--	--	--	47620 (LM)	36005
														181932 (PR)	185365
	TOTAL : RAJASTHAN	2	2	--	--	478	355	833	833	--	--	--	--	4668147	1016
														47620 (LM)	36005
														181932 (PR)	185365
	TOTAL : IRON	367	257	--	--	26638	23874	50512	47746	2766	--	9697	7135	119662354	86611022
														50876915 (FN)	81644208
														27031627 (LM)	52669925
														27358621 (PR)	33423956
21.	KYANITE														
	JHARKHAND														
	East Singhbhum	1	--	--	--	9	--	9	9	--	--	--	--	Nil	Nil
	MAHARASHTRA														
	Bhandara	5	--	--	--	72	3	75	69	6	--	--	--	6755	1598
	TOTAL : KYANITE	6	--	--	--	81	3	84	78	6	--	--	--	6755	1598
22.	LATERITE														
	ANDHRA PRADESH														
	East Godavari	3	1	--	--	46	5	51	51	--	--	--	--	1435987	3674
	KARNATAKA														
	Belgaum	1	1	--	--	109	7	116	116	--	--	--	--	147850 (PR)	25534
	KERALA														
	Kannur	1	--	--	--	10	2	12	9	3	--	--	--	8000	1562
	Kasaragod	1	--	--	--	--	2	2	2	--	--	--	--	Nil	Nil
	TOTAL : KERALA	2	--	--	--	10	4	14	11	3	--	--	--	8000	1562
	MADHYA PRADESH														
	Jabalpur	1	--	--	--	40	1	41	18	23	--	--	--	21750	653
	RAJASTHAN														
	Jhalawar	1	1	--	--	112	21	133	133	--	--	--	--	1720177	276782
	TOTAL : LATERITE	8	3	--	--	317	38	355	329	26	--	--	--	3185914	282671
														147850 (PR)	25534

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
23.	LIMESTONE														
	ANDAMAN & NICOBAR ISLAND														
	Andamana	1	1	--	--	58	--	58	58	--	--	--	--	Nil	Nil
	ANDHRA PRADESH														
	Anantpur	7	5	--	--	157	149	306	306	--	--	--	10	7988099	1033269
	Cuddapah	8	8	--	--	235	76	311	306	5	--	64	11	7944628	1182929
	Guntur	9	9	--	--	209	118	327	327	--	--	--	--	4621793	809903
	Krishna	10	10	--	--	313	181	494	481	13	--	58	3	26155639	4906810
	Kurnool	16	6	--	--	469	241	710	709	1	--	59	106	10616098	734313
	Prakasham	Employment with Steatite and Granite												13852	2016
TOTAL :	ANDHRA PRADESH	50	38	--	--	1383	765	2148	2129	19	--	181	130	57340109	8669240
	ASSAM														
	Karbi Arglong	1	1	--	--	11	19	30	30	--	--	--	--	119531	497
	North Cachar Hills	5	4	--	--	94	5	99	99	--	--	--	--	153187	32574
TOTAL :	ASSAM	6	5	--	--	105	24	129	129	--	--	--	--	272718	33070
	BIHAR														
	Rohtas	3	2	--	--	113	39	152	148	4	--	--	--	540472	217003
	CHHATTISHGARH														
	Bilaspur	1	1	--	--	124	4	128	128	--	--	--	--	2126505	149141
	Durg	5	5	--	--	92	8	100	100	--	--	--	--	1190653	262751
	Raipur	10	10	--	--	557	183	740	740	--	--	13	11	22397914	2832678
	Janjgir(champa)	2	2	--	--	156	9	165	165	--	--	--	--	2249963	377481
	Baloda Bazar	2	2	--	--	151	74	225	225	--	--	16	33	10409497	1627805
TOTAL :	CHHATTISHGARH	20	20	--	--	1080	278	1358	1358	--	--	29	44	38374532	5249856
	GUJARAT														
	Amreli	3	3	--	--	231	47	278	278	--	--	27	--	8156251	1031335
	Jamnagar	7	3	--	--	118	18	136	136	--	--	19	--	597281	55348
	Junagadh	31	16	--	--	1096	68	1164	1002	162	--	411	--	22996729	2652401
														27450 (PR)	1799
	Kutch	2	2	--	--	97	8	105	105	--	--	21	--	2749768	346450
	Porbandar	8	7	--	--	398	95	493	365	128	--	6	53	2749188	351546
TOTAL :	GUJARAT	51	31	--	--	1940	236	2176	1886	290	--	484	53	37249217	4437079
														27450 (PR)	1799
	HIMACHAL PRADESH														
	Bilaspur	1	1	--	--	27	32	59	59	--	--	--	--	3925900	43180
	Mandi	1	--	--	--	--	2	2	2	--	--	--	--	Nil	Nil
	Sirmaur	30	19	--	--	759	107	866	851	15	--	--	--	2340061	463564
														16577 (PR)	2636
	Solan	3	3	--	--	254	8	262	262	--	--	--	--	9144868	1418794
TOTAL :	HIMACHAL PRADESH	35	23	--	--	1040	149	1189	1174	15	--	--	--	15410829	1925538
														16577 (PR)	2636
	HARYANA														
	Mahendragarh	1	--	--	--	14	2	16	16	--	--	--	--	2760	373
	JHARKHAND														
	Hazaribagh	2	2	--	--	24	12	36	34	2	--	--	--	51410	13458
	Palamau	3	--	--	--	102	47	149	145	4	--	75	--	32595	6236
														38767 (PR)	6059
	Ranchi	3	2	--	--	45	26	71	71	--	--	--	--	4213	326
	West Singbhum	10	3	--	--	495	131	626	551	75	--	27	--	1010757	149550
	Garhwa	1	--	--	--	--	157	157	153	4	--	--	--	Nil	Nil
TOTAL :	JHARKHAND	19	7	--	--	666	373	1039	954	85	--	102	--	1098975	169569
														38767 (PR)	6059

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		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	JAMMU & KASHMIR														
	Pulwana	1	1	--	--	33	2	35	35	--	--	--	--	2000 (PR)	1038
	KARNATAKA														
	Belgaum	4	2	--	--	37	5	42	36	6	--	7	--	51288	9129
	Bijapur	3	2	--	--	57	18	75	62	13	--	--	--	170791	32072
	Chitradurga	6	6	--	--	156	67	223	223	--	--	23	--	5007789	630337
	Gulbarga	8	8	--	--	607	56	663	663	--	--	62	--	77652260	24781321
	Shimoga	1	1	--	--	15	--	15	15	--	--	--	--	Nil	Nil
	Tumkur	3	2	--	--	180	67	247	242	5	--	4	--	200327	6788
	Bagalkot	39	20	--	--	460	75	535	513	22	--	131	8	3731057	709844
TOTAL :	KARNATAKA	64	41	--	--	1512	288	1800	1754	46	--	227	8	86813512	26169490
	KERALA														
	Alleppey	1	1	--	--	57	--	57	57	--	--	--	--	14190	12615
	Palghat	1	1	--	--	64	133	197	197	--	--	--	--	598661 (PR)	59866
TOTAL :	KERALA	2	2	--	--	121	133	254	254	--	--	--	--	14190 598661 (PR)	12615 59866
	MEGHALAYA														
	East Khasi Hills	3	3	--	--	178	77	255	244	11	--	26	1	2176594	258569
	Jaintia Hills	8	7	--	--	221	64	285	281	4	--	--	--	1148525	297445
TOTAL :	MEGHALAYA	11	10	--	--	399	141	540	525	15	--	26	1	3325119	556015
	MADHYA PRADESH														
	Damoh	5	5	--	--	167	112	279	279	--	--	--	--	6492196	1973833
	Jabalpur	9	8	--	--	950	424	1374	1231	143	--	25	--	2845533	367783
	Mandsaur	2	2	--	--	86	56	142	142	--	--	--	--	4102212	174728
	Rewa	4	4	--	--	398	46	444	444	--	--	--	--	8572678	1923107
	Satna	19	18	--	--	1148	337	1485	1480	5	--	551	157	20384898	2622144
	Sidhi	2	2	1	1	43	15	59	59	--	--	--	--	1737236	Negligible
	Katni	10	7	--	--	445	34	479	470	9	--	35	6	3248334	532117
	Neemuch	2	1	--	--	85	39	124	124	--	--	--	--	3760691	305318
TOTAL :	MADHYA PRADESH	53	47	1	1	3322	1063	4386	4229	157	--	611	163	51143778	7899030
	MAHARASHTRA														
	Chandrapur	5	5	--	--	467	140	607	576	31	--	89	61	6676947	1113457
	Yavatmal	7	2	--	--	113	34	147	134	13	--	--	--	2658458 13105 (PR)	228772 2922
TOTAL :	MAHARASHTRA	12	7	--	--	580	174	754	710	44	--	89	61	9335405 13105 (PR)	1342229 2922
	ORISSA														
	Kalahandi	1	1	--	--	18	3	21	21	--	--	16	3	11630	1256
	Koraput	3	2	--	--	44	14	58	58	--	--	26	--	197385	21206
	Sambalpur	1	1	--	--	240	25	265	264	1	--	155	--	933996	361008
	Sundergarh	11	9	--	--	1548	811	2359	1984	375	--	114	88	4140919	972713
	Bargarh	1	1	--	--	213	161	374	374	--	--	112	141	752906	316123
TOTAL :	ORISSA	17	14	--	--	2063	1014	3077	2701	376	--	423	232	6036836	1672306
	RAJASTHAN														
	Ajmer	2	2	--	--	135	87	222	222	--	--	--	--	2682322	303970
	Banswara	1	1	--	--	43	9	52	52	--	--	28	1	1257333	207812

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Barmer	1	1	--	--	18	8	26	24	2	--	--	--	2730	82
	Bundi	1	1	--	--	139	140	279	279	--	--	111	83	2499732	665429
	Chittorgarh	9	8	--	--	421	143	564	564	--	--	141	31	11580202	1276144
	Jaipur	4	3	--	--	210	3	213	213	--	--	115	--	7651255	1113404
	Jaisalmer	2	2	--	--	235	136	371	371	--	--	183	71	705357	91696
														2529293 (FN)	1214061
	Jhalawar	19	18	--	--	1124	60	1184	1090	94	--	70	3	2326081	209998
														44363 (PR)	1641
	Jodhpur	2	1	--	--	46	14	60	60	--	--	--	--	21313	2364
	Kota	40	35	--	--	3412	434	3846	3344	502	--	226	--	32245233	6990324
														4098 (PR)	1954
	Nagaur	12	7	--	--	202	70	272	271	1	--	18	--	1574249	369652
	Pali	3	3	--	--	643	72	715	715	--	--	197	4	17351034	1062732
	Sikar	2	1	--	--	2	3	5	5	--	--	--	--	Nil	Nil
	Sirohi	5	5	--	--	397	146	543	543	--	--	--	--	17790220	2553200
	Udaipur	1	--	--	--	1	1	2	2	--	--	--	--	Nil	Nil
TOTAL :	RAJASTHAN	104	88	--	--	7028	1326	8354	7755	599	--	1089	193	97687061	14846807
														2529293 (FN)	1214061
														48461 (PR)	3595
	TELANGANA														
	Adilabad	4	4	--	--	947	1260	2207	2207	--	--	--	--	8294083	1397019
	Karimnagar	1	1	--	--	64	62	126	126	--	--	--	--	1017896	410263
	Nalgonda	32	32	--	--	879	73	952	948	4	--	141	5	21989540	3273098
	Ranga Reddy	5	5	--	--	183	38	221	221	--	--	--	--	6815587	449405
TOTAL :	TELANGANA	42	42	--	--	2073	1433	3506	3502	4	--	141	5	38117106	5529785
	TAMIL NADU														
	Coimbattore	3	3	--	--	82	26	108	108	--	--	--	--	1101562	193963
	Madurai	2	2	--	--	106	3	109	109	--	--	--	--	3164438	522340
	Salem	5	5	--	--	228	47	275	264	11	--	32	--	492558	134426
	Thanjavur	1	1	--	--	24	1	25	9	16	--	--	--	27090	2790
	Tiruchirapalli	9	8	--	--	368	19	387	387	--	--	94	4	6039831	687887
	Tirunelveli	14	14	--	--	315	38	353	353	--	--	15	2	1467240	430859
	Kamrajar	1	1	--	--	6	9	15	15	--	--	--	--	35174	17447
	Dindigul-Anna	3	3	--	--	124	30	154	150	4	--	35	13	2361773	673954
	Virudhunagar	6	6	--	--	123	79	202	202	--	--	15	29	1122210	254475
	Perambalur	6	3	--	--	113	22	135	131	4	--	6	--	2687251	561880
	Ariyalur	19	16	--	--	474	53	527	522	5	--	154	7	8173948	1670694
TOTAL :	TAMIL NADU	69	62	--	--	1963	327	2290	2250	40	--	351	55	26673075	5150715
	UTTARANCHAL														
	Dehradun	1	--	--	--	1	29	30	30	--	--	--	--	49360	4665
	Tehri Garhwal	1	1	--	--	30	4	34	34	--	--	--	--	31120	3112
TOTAL :	UTTARANCHAL	2	1	--	--	31	33	64	64	--	--	--	--	80480	7777
	UTTAR PRADESH														
	Sonebhadra	2	2	--	--	123	24	147	147	--	--	--	--	6135829	962673
TOTAL :	LIMESTONE	565	444	1	1	25647	7824	33472	31778	1694	--	3753	945	475652003	84851170
														2529293 (FN)	1214061
														745021 (PR)	77915
24.	MAGNESITE														
	JHARKHAND														
	East Singhbhum	1	1	--	--	47	10	57	38	19	--	--	--	18551	12986
	KARNATAKA														
	Mysore	4	2	--	--	112	50	162	138	24	--	30	2	17631	23971
														77028 (PR)	21752
														77028 (PR)	21752

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	TAMIL NADU														
	Salem	9	7	--	--	1912	30	1942	1022	920	--	91	--	463009	1407076
	UTTARANCHAL														
	Almora	1	--	--	--	124	53	177	177	--	--	--	--	Nil	Nil
TOTAL : MAGNESITE		15	10	--	--	2195	143	2338	1375	963	--	121	2	499191	1444032
														77028 (PR)	21752
25.	MANGANESE														
	ANDHRA PRADESH														
	Vizianagaram	29	22	--	--	1096	84	1180	711	469	--	24	1	351550	510574
														2529 (PR)	12643
														2529 (PR)	12643
	GOA														
	North Goa	2	1	--	--	95	29	124	103	21	--	--	--	600	2400
														35267 (PR)	60072
	South Goa	10	6	--	--	246	15	261	167	94	--	52	1	1842608	1835015
TOTAL : GOA		12	7	--	--	341	44	385	270	115	--	52	1	1843208	1837415
														35267 (PR)	60072
	GUJARAT														
	Panchmahal	1	1	--	--	9	18	27	27	--	--	--	--	Nil	Nil
	Vadodara(Baroda)	1	1	--	--	13	13	26	26	--	--	--	--	Nil	Nil
TOTAL : GUJARAT		2	2	--	--	22	31	53	53	--	--	--	--	Nil	Nil
	JHARKHAND														
	West Singbhum	4	1	--	--	72	73	145	140	5	--	--	--	195958	52146
														334 (PR)	735
														334 (PR)	735
	KARNATAKA														
	Bangalore	1	--	--	--	12	6	18	15	3	--	--	--	Nil	Nil
	Bellary	7	3	--	--	810	916	1726	1589	137	--	157	89	157214	379644
														12000 (LM)	2640
														151415 (PR)	405299
	Chitradurga	7	4	--	--	138	31	169	147	22	--	--	--	303144	196517
	Tumkur	1	--	--	--	16	2	18	14	4	--	--	--	3570 (PR)	491
	Uttar Kannada	2	--	--	--	56	17	73	73	--	--	18	--	1904	1466
														8100 (PR)	8280
TOTAL : KARNATAKA		18	7	--	--	1032	972	2004	1838	166	--	175	89	462262	577627
														12000 (LM)	2640
														163085 (PR)	414070
	MADHYA PRADESH														
	Balaghat	16	13	7	1696	582	1065	3343	2996	347	395	168	265	149479	554891
														172836 (PR)	1499834
	Chhindwara	5	3	1	1	82	103	186	140	46	--	--	21	39610	100064
														266 (PR)	585
	Jhabua	1	--	--	--	276	54	330	192	138	--	75	--	109786	338281
TOTAL : MADHYA PRADESH		22	16	8	1697	940	1222	3859	3328	531	395	243	286	298875	993236
														173102 (PR)	1500419
	MAHARASHTRA														
	Bhandara	5	4	1	538	1832	1463	3833	3206	627	--	619	--	567272	3659592
														265063 (PR)	923400
	Nagpur	10	6	4	585	482	662	1729	1334	395	8	117	63	937180	2200767
														32160 (PR)	118984
TOTAL : MAHARASHTRA		15	10	5	1123	2314	2125	5562	4540	1022	8	736	63	1504452	5860358
														297223 (PR)	1042384

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	ORISSA														
	Keonjhar	18	10	--	--	2097	2350	4447	3489	958	--	1195	1881	425586	770164
														312836 (PR)	210012
	Koraput	1	1	--	--	44	19	63	36	27	--	--	--	Nil	Nil
	Sundergarh	18	9	--	--	456	688	1144	822	322	--	128	285	275899	474237
														236822 (PR)	847322
	TOTAL : ORISSA	37	20	--	--	2597	3057	5654	4347	1307	--	1323	2166	701485	1244401
														549658 (PR)	1057334
	TOTAL : MANGANESE	139	85	13	2820	8414	7608	18842	15227	3615	403	2553	2606	5357790	11075758
														12000 (LM)	2640
														1221198 (PR)	4087657
26.	MARBLE														
	GUJARAT														
	Amreli	Employment with Limestone												533908	200375
	Banas Kantha	4	3	--	--	264	57	321	321	--	--	--	--	758361	759885
	Junagadh	Employment with Limestone												287062	107734
	Porbandar	Employment with Limestone												426535	2114
	TOTAL : GUJARAT	4	3	--	--	264	57	321	321	--	--	--	--	2005866	1070108
	MADHYA PRADESH														
	Jabalpur	1	1	--	--	19	21	40	40	--	--	--	--	15407	2605
	Katni	2	2	--	--	43	8	51	51	--	--	--	--	9449	4597
	TOTAL : MADHYA PRADESH	3	3	--	--	62	29	91	91	--	--	--	--	24856	7203
	RAJASTHAN														
	Ajmer	1	1	--	--	28	18	46	46	--	--	--	--	27915	13958
	Alwar	1	1	--	--	10	4	14	14	--	--	--	--	18127	17708
	Banswara	2	1	--	--	141	51	192	192	--	--	--	--	57949	64929
	Jaipur	2	1	--	--	34	7	41	41	--	--	--	--	25072	9502
	Sikar	2	2	--	--	39	17	56	56	--	--	--	--	91413	80998
	Sirohi	1	1	--	--	121	46	167	167	--	--	--	--	135880	131394
	Rajsamand	6	5	--	--	848	184	1032	1032	--	--	--	--	1705723	2077593
	TOTAL : RAJASTHAN	15	12	--	--	1221	327	1548	1548	--	--	--	--	2062079	2396082
	TOTAL : MARBLE	22	18	--	--	1547	413	1960	1960	--	--	--	--	4092801	3473393
27.	MICA														
	ANDHRA PRADESH														
	Nellore	24	22	12	217	125	132	474	419	55	--	--	--	2790458	49828
	BIHAR														
	Nawada	3	2	2	36	10	10	56	56	--	--	--	--	401057	2463
	JHARKHAND														
	Koderma	2	--	--	--	--	12	12	12	--	--	--	--	Nil	Nil
	Garhwa	2	1	1	15	--	10	25	25	--	--	--	--	19354	71
	TOTAL : JHARKHAND	4	1	1	15	--	22	37	37	--	--	--	--	19354	71
	RAJASTHAN														
	Bhilwara	2	1	--	--	12	--	12	12	--	--	--	--	4351	1049
	TOTAL : MICA	33	26	15	268	147	164	579	524	55	--	--	--	3215220	53410

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT						CONTRACT LABOUR			OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	B/G	O/C	A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
28. OCHRE															
	ANDHRA PRADESH														
	Kurnool	1	--	--	--	8	--	8	8	--	--	--	--	7685	1921
	GUJARAT														
	Patan	1	--	--	--	16	--	16	16	--	--	--	--	592	59
	MADHYA PRADESH														
	Satna	1	--	1	14	--	5	19	19	--	--	--	--	970	78
TOTAL : OCHRE		3	--	1	14	24	5	43	43	--	--	--	--	9247	2058
29. QUARTZ															
	ANDHRA PRADESH														
	Nellore	4	2	--	--	51	32	83	49	34	--	18	--	39726	16358
														945 (PR)	280
	Vizianagaram	3	--	--	--	39	--	39	39	--	--	18	--	4425	714
														3995 (PR)	654
TOTAL : ANDHRA PRADESH		7	2	--	--	90	32	122	88	34	--	36	--	44151	17072
														4940 (PR)	933
	BIHAR														
	Munger	2	--	--	--	31	7	38	38	--	--	--	--	57648	18907
	CHHATTISHGARH														
	Raigarh	2	--	--	--	125	7	132	122	10	--	123	7	29912	4677
	GUJARAT														
	Banas Kantha	Employment with Felspar Mica and Marble												21275	10036
	JHARKHAND														
	West Singbhum	1	--	--	--	31	6	37	37	--	--	--	--	7494	16795
	East Singhbhum	1	1	1	18	--	9	27	27	--	--	--	--	6706	23512
	Saraikhela Kharsawan	1	--	--	--	18	3	21	20	1	--	--	--	Nil	Nil
TOTAL : JHARKHAND		3	1	1	18	49	18	85	84	1	--	--	--	14200	40307
	ORISSA														
	Mayurbhanj	2	--	--	--	50	--	50	41	9	--	--	--	8919	847
	Boudh	1	--	--	--	22	--	22	22	--	--	--	--	1454 (PR)	144
	Jajpur	1	--	--	--	19	--	19	19	--	--	--	--	3315	663
	Jharsuguda	2	--	--	--	97	10	107	102	5	--	--	--	4565	3661
														13104 (PR)	17690
TOTAL : ORISSA		6	--	--	--	188	10	198	184	14	--	--	--	16799	5172
														14558 (PR)	17834
	RAJASTHAN														
	Bhilwara	Employment with Felspar Mica and Marble												2856	757
	Sikar	2	--	--	--	67	9	76	75	1	--	--	--	65	3
														186627 (PR)	349067
	Tonk	1	1	--	--	10	8	18	18	--	--	--	--	12268	2454
TOTAL : RAJASTHAN		3	1	--	--	77	17	94	93	1	--	--	--	15189	3214
														186627 (PR)	349067

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	TELANGANA														
	Mahboob Nagar	5	4	--	--	80	11	91	88	3	--	10	--	271735	82766
	Medak	2	1	--	--	95	--	95	91	4	--	--	--	16319	2448
	Nalgonda	2	--	--	--	1	4	5	5	--	--	--	--	10	20
	TOTAL : TELANGANA	9	5	--	--	176	15	191	184	7	--	10	--	288064	85234
	TAMIL NADU														
	Tirrupur	1	--	--	--	30	2	32	14	18	--	--	--	2390	825
	Periyar	2	--	--	--	88	--	88	40	48	--	--	--	1921	618
	Salem	1	--	--	--	33	--	33	12	21	--	--	--	1749	3856
														2460 (PR)	5424
	Karur	1	--	--	--	53	--	53	12	41	--	--	--	2866	1003
	Namakkal	1	--	--	--	26	--	26	8	18	--	--	--	1883 (PR)	4573
	TOTAL : TAMIL NADU	6	--	--	--	230	2	232	86	146	--	--	--	8926	6302
														4343 (PR)	9996
	TOTAL : QUARTZ	38	9	1	18	966	108	1092	879	213	--	169	7	496164	190921
														210468 (PR)	377832
	30. SALT														
	HIMACHAL PRADESH														
	Mandi	1	1	--	--	--	12	12	12	--	--	--	--	Nil	Nil
	TOTAL : SALT	1	1	--	--	--	12	12	12	--	--	--	--	Nil	Nil
	31. SANDSTONE														
	ANDHRA PRADESH														
	Srikakulam	1	1	--	--	175	347	522	497	25	--	167	216	94688 (PR)	850387
	HARYANA														
	Karnal	1	1	--	--	16	--	16	16	--	--	--	--	226986	8371
	JHARKHAND														
	Sahebganj	1	1	--	--	24	7	31	29	2	--	--	--	11254	2251
	RAJASTHAN														
	Bundi	1	1	--	--	261	19	280	280	--	--	--	--	71118	146100
	UTTAR PRADESH														
	Allahabad	1	1	--	--	36	2	38	38	--	--	33	2	404715	96753
	TOTAL : SANDSTONE	5	5	--	--	512	375	887	860	27	--	200	218	714073	253475
														94688 (PR)	850387
	32. SELENITE														
	RAJASTHAN														
	Barmer	2	--	--	--	2	5	7	7	--	--	--	--	Nil	Nil
	Bikaner	1	--	--	--	2	1	3	3	--	--	--	--	Nil	Nil
	TOTAL : RAJASTHAN	3	--	--	--	4	6	10	10	--	--	--	--	Nil	Nil
	TOTAL : SELENITE	3	--	--	--	4	6	10	10	--	--	--	--	Nil	Nil

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
33.	SILICA														
	ANDHRA PRADESH														
	Nellore	8	--	--	--	107	--	107	54	53	--	--	--	184333	39296
	HARYANA														
	Faridabad	11	10	--	--	1320	381	1701	1701	--	--	293	--	8353649	1523890
	Gurgaon	3	3	--	--	168	16	184	184	--	--	--	--	1037022	103702
														347116 (PR)	49533
	TOTAL : HARYANA	14	13	--	--	1488	397	1885	1885	--	--	293	--	9390671	1627593
														347116 (PR)	49533
	KARNATAKA														
	Dakshin Kannada	1	--	--	--	2	--	2	2	--	--	--	--	Nil	Nil
	Udipi	7	--	--	--	35	2	37	23	14	--	9	--	62620	52375
	TOTAL : KARNATAKA	8	--	--	--	37	2	39	25	14	--	9	--	62620	52375
	MAHARASHTRA														
	Ratnagiri	1	1	--	--	23	8	31	19	12	--	20	3	8703 (PR)	2499
	Sindhudurg	9	6	--	--	174	151	325	274	51	--	12	--	380917	94794
														39459 (PR)	21702
	TOTAL : MAHARASHTRA	10	7	--	--	197	159	356	293	63	--	32	3	380917	94794
														48162 (PR)	24201
	RAJASTHAN														
	Bharatpur	1	1	--	--	34	10	44	44	--	--	--	--	26881	841
	Bundi	2	2	--	--	74	289	363	235	128	--	--	--	184333 (PR)	76435
	Jaipur	2	2	--	--	51	13	64	49	15	--	--	--	14275	4283
														11143 (PR)	1337
	Dausa	1	--	--	--	4	14	18	18	--	--	--	--	26070	11732
	TOTAL : RAJASTHAN	6	5	--	--	163	326	489	346	143	--	--	--	67226	16855
														195476 (PR)	77772
	TAMIL NADU														
	Kancheepuram	2	--	--	--	38	6	44	12	32	--	34	3	8380	3027
	Villupuram	1	--	--	--	2	4	6	6	--	--	--	--	541	100
	TOTAL : TAMIL NADU	3	--	--	--	40	10	50	18	32	--	34	3	8921	3128
	UTTAR PRADESH														
	Allahabad	1	--	--	--	2	1	3	3	--	--	--	--	Nil	Nil
TOTAL : SILICA		50	25	--	--	2034	895	2929	2624	305	--	368	6	10094688	1834041
														590754 (PR)	151506
34.	SILLIMANITE														
	ANDHRA PRADESH														
	Srikakulam	1	1	--	--	130	365	495	467	28	--	--	217	24179	193529
	KERALA														
	Kollam	1	1	--	--	13	366	379	350	29	--	--	--	139258	358145

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	MAHARASHTRA														
	Bhandara	4	3	--	--	318	34	352	337	15	--	--	--	7510	2040
														1081 (LM)	6486
														48513 (PR)	359106
														1081 (LM)	6486
														48513 (PR)	359106
	ORISSA														
	Ganjam	1	1	--	--	114	857	971	905	66	--	10	178	225173 (PR)	245104
	TAMIL NADU														
	Kanyakumari	2	1	--	--	416	318	734	717	17	--	405	7	170424	361787
TOTAL : SILLIMANITE		9	7	--	--	991	1940	2931	2776	155	--	415	402	341371	915500
														1081 (LM)	6486
														273686 (PR)	604211
35.	SLATE														
	HARYANA														
	Rewani	2	--	--	--	179	6	185	185	--	--	--	--	40961	39296
TOTAL : SLATE		2	--	--	--	179	6	185	185	--	--	--	--	40961	39296
36.	STEATITE														
	ANDHRA PRADESH														
	Anantpur	2	1	2	20	--	15	35	30	5	--	--	--	3324	872
	Kurnool	8	4	1	7	105	24	136	122	14	--	--	--	68328	18385
TOTAL : ANDHRA PRADESH		10	5	3	27	105	39	171	152	19	--	--	--	71652	19257
	BIHAR														
	Munger	1	--	--	--	6	--	6	6	--	--	--	--	Nil	Nil
	Nawada	1	1	--	--	9	4	13	13	--	--	--	--	24380	3245
TOTAL : BIHAR		2	1	--	--	15	4	19	19	--	--	--	--	24380	3245
	JHARKHAND														
	Pakur	1	1	--	--	22	1	23	23	--	--	--	--	Nil	Nil
	Saraikhela Kharsawan	1	--	--	--	--	1	1	1	--	--	--	--	Nil	Nil
TOTAL : JHARKHAND		2	1	--	--	22	2	24	24	--	--	--	--	Nil	Nil
	MADHYA PRADESH														
	Shivpuri	2	1	--	--	115	11	126	102	24	--	--	--	27679	23487
	Tikamgarh	2	1	--	--	72	9	81	53	28	--	--	--	20699	13379
TOTAL : MADHYA PRADESH		4	2	--	--	187	20	207	155	52	--	--	--	48378	36866
	ORISSA														
	Keonjhar	1	1	--	--	25	11	36	29	7	--	--	--	11787	177
	RAJASTHAN														
	Banswara	1	--	--	--	4	3	7	7	--	--	--	--	940	772
	Bhilwara	10	3	--	--	508	42	550	550	--	--	--	--	301090	122636
	Dungarpur	3	2	--	--	287	85	372	236	136	--	--	--	22741	10276
	Jaipur	1	1	--	--	2	4	6	6	--	--	--	--	Nil	Nil
	Sawai Madhopur	1	--	--	--	40	--	40	40	--	--	--	--	114480	3990
	Udaipur	20	12	3	269	659	206	1134	1044	90	--	57	22	360387	422572
	Rajsamand	4	2	--	--	67	38	105	84	21	--	--	--	104147	64066
	Dausa	1	--	--	--	23	1	24	22	2	--	--	--	1690	338

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Karauli	1	--	--	--	30	--	30	30	--	--	--	--	3510	862
	Pratapgarh	4	2	--	--	339	99	438	420	18	--	--	--	282376	477611
														63433 (PR)	39568
	TOTAL : RAJASTHAN	46	22	3	269	1959	478	2706	2439	267	--	57	22	1191361	1103123
														63433 (PR)	39568
	UTTARANCHAL														
	Almora	1	--	--	--	40	5	45	45	--	--	--	--	517	256
	Bageshwer	30	--	--	--	1174	130	1304	1254	50	--	59	--	3124263	1629604
														12700 (PR)	7620
	TOTAL : UTTARANCHAL	31	--	--	--	1214	135	1349	1299	50	--	59	--	3124780	1629860
														12700 (PR)	7620
	UTTAR PRADESH														
	Lalitpur	1	--	--	--	196	6	202	202	--	--	--	--	5513	10380
	WEST BENGAL														
	Birbhum	Employment with Stone												1148720	1660
TOTAL : STEATITE		97	32	6	296	3723	695	4714	4319	395	--	116	22	5626571	2804567
														76133 (PR)	47188
37. STONE															
	ANDHRA PRADESH														
	Chittoor	1	1	--	--	19	--	19	19	--	--	--	--	88223	20221
	Nellore	1	--	--	--	48	2	50	50	--	--	--	--	6301	1385
	TOTAL : ANDHRA PRADESH	2	1	--	--	67	2	69	69	--	--	--	--	94524	21606
	BIHAR														
	Gaya	1	1	--	--	13	8	21	21	--	--	--	--	14242	570
	Nawada	3	3	--	--	51	21	72	72	--	--	--	--	2177113	657148
	TOTAL : BIHAR	4	4	--	--	64	29	93	93	--	--	--	--	2191355	657718
	GOA														
	North Goa	5	5	--	--	65	43	108	108	--	--	13	12	333459	143547
	South Goa	2	--	--	--	150	8	158	149	9	--	86	--	249492	37867
	TOTAL : GOA	7	5	--	--	215	51	266	257	9	--	99	12	582951	181413
	GUJARAT														
	Kheda	1	1	--	--	28	29	57	57	--	--	--	--	101719	10172
	Panchmahal	1	1	--	--	20	78	98	96	2	--	--	--	55788	7197
	Sabar Kantha	1	1	--	--	23	--	23	23	--	--	--	--	34125	1194
	Valsad	1	--	--	--	27	23	50	34	16	--	--	--	115100	17295
	TOTAL : GUJARAT	4	3	--	--	98	130	228	210	18	--	--	--	306732	35858
	HARYANA														
	Faridabad	5	3	--	--	586	55	641	641	--	--	84	--	6397351	448217
														6639167 (PR)	464322
	Gurgaon	15	5	--	--	1461	135	1596	1596	--	--	1027	15	4723247	351964
	Mewat	2	2	--	--	50	16	66	66	--	--	--	--	69774	4884
	TOTAL : HARYANA	22	10	--	--	2097	206	2303	2303	--	--	1111	15	11190372	805065
														6639167 (PR)	464322

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	JHARKHAND														
	Koderma	2	2	--	--	29	22	51	51	--	--	--	--	1591	126
	Deoghar	1	1	--	--	11	9	20	20	--	--	--	--	16220	137
	Sahebganj	34	28	--	--	449	451	900	785	115	--	135	119	8582613	484934
														103807 (PR)	3065
	Garhwa	1	--	--	--	15	1	16	16	--	--	--	--	1080	54
	Pakur	55	42	--	--	539	588	1127	1038	89	--	86	108	3827046	245791
	TOTAL : JHARKHAND	93	73	--	--	1043	1071	2114	1910	204	--	221	227	12428550	731042
														103807 (PR)	3065
	KARNATAKA														
	Belgaum	1	1	--	--	17	2	19	18	1	--	--	--	78	25
	Udipi	1	1	--	--	21	3	24	24	--	--	21	3	125703	37610
	TOTAL : KARNATAKA	2	2	--	--	38	5	43	42	1	--	21	3	125781	37635
	KERALA														
	Pathanamthitta	2	2	--	--	40	4	44	44	--	--	--	--	41334	21390
	MAHARASHTRA														
	Mumbai	2	1	--	--	61	8	69	69	--	--	--	--	170868	12380
	Nagpur	1	1	--	--	21	35	56	45	11	--	19	33	16578	1409
	Pune	2	2	--	--	33	2	35	35	--	--	--	--	51018	8015
	Ratnagiri	1	1	--	--	94	29	123	123	--	--	--	--	Nil	Nil
	Thane	5	5	--	--	61	9	70	65	5	--	--	--	143084	23273
	Raigad	2	2	--	--	71	10	81	81	--	--	--	--	366300	11904
	TOTAL : MAHARASHTRA	13	12	--	--	341	93	434	418	16	--	19	33	747848	56981
	ORISSA														
	Baleshwar	1	1	--	--	10	5	15	15	--	--	--	--	24106	10788
	Sundergarh	1	1	--	--	27	--	27	27	--	--	--	--	116946 (PR)	39096
	TOTAL : ORISSA	2	2	--	--	37	5	42	42	--	--	--	--	24106	10788
														116946 (PR)	39096
	RAJASTHAN														
	Alwar	1	1	--	--	20	1	21	16	5	--	--	--	50500	12120
	Jaipur	1	1	--	--	60	75	135	135	--	--	--	--	Nil	Nil
	Jhalawar	1	1	--	--	146	--	146	146	--	--	--	--	4684546	427746
	Sikar	1	--	--	--	14	6	20	20	--	--	--	--	187830	48462
	Dausa	1	1	--	--	41	19	60	60	--	--	36	--	64689	5499
	TOTAL : RAJASTHAN	5	4	--	--	281	101	382	377	5	--	36	--	4987565	493827
	TELANGANA														
	Mahboob Nagar	2	2	--	--	39	2	41	41	--	--	--	--	21682	4965
	Nalgonda	1	--	--	--	18	2	20	20	--	--	--	--	3000	230
	TOTAL : TELANGANA	3	2	--	--	57	4	61	61	--	--	--	--	24682	5195
	TAMIL NADU														
	Chengalpattu(Anna)	2	1	--	--	228	28	256	168	88	--	6	22	55280	2073
	Chidambarnar	1	1	--	--	19	--	19	19	--	--	--	--	155050	15505
	Kancheepuram	5	3	--	--	141	19	160	160	--	--	--	--	1223005	53631
	Thoothukkudi	2	1	--	--	56	47	103	103	--	--	--	--	181103	8305
	TOTAL : TAMIL NADU	10	6	--	--	444	94	538	450	88	--	6	22	1614438	79515

STATEMENT NO. 1.2 (CONT..)

SL. NO.	MINERAL / STATE / DISTRICT	NUMBER OF MINES			AVERAGE DAILY EMPLOYMENT								OUTPUT* IN TONNES UNLESS OTHERWISE STATED	VALUE IN '000 Rs.
		SUBMITTING RETURNS	USING MECH. POWER	BELOW-GROUND	BELOW GROUND	OPEN CAST	ABOVE GROUND	TOTAL	MALE	FEMALE	CONTRACT LABOUR B/G	CONTRACT LABOUR O/C	CONTRACT LABOUR A/G		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	WEST BENGAL														
	Birbhum	20	19	--	--	434	390	824	813	11	--	81	125	2971379	116905
	Burdwan	2	1	--	--	22	29	51	38	13	--	--	--	17069	1714
	TOTAL : WEST BENGAL	22	20	--	--	456	419	875	851	24	--	81	125	2988448	118618
	TOTAL : STONE	191	146	--	--	5278	2214	7492	7127	365	--	1594	437	37348686 6859920 (PR)	3256650 506483
	38. VERMICULITE														
	ANDHRA PRADESH														
	Nellore	2	--	--	--	21	14	35	23	12	--	--	--	9553	987
	TAMIL NADU														
	North Arcot	1	--	--	--	15	9	24	24	--	--	--	--	2323	4576
	TOTAL : VERMICULITE	3	--	--	--	36	23	59	47	12	--	--	--	11876	5563
	39. WOLLASTONITE														
	RAJASTHAN														
	Sirohi	2	2	--	--	412	134	546	433	113	--	16	--	84243	107083
	Udaipur	1	1	--	--	216	91	307	248	59	--	18	--	138225	109604
	TOTAL : RAJASTHAN	3	3	--	--	628	225	853	681	172	--	34	--	222468	216687
	TOTAL : WOLLASTONITE	3	3	--	--	628	225	853	681	172	--	34	--	222468	216687
	40. DUNITE														
	KARNATAKA														
	Chikmagalur	1	--	--	--	2	--	2	2	--	--	--	--	357	48
	TAMIL NADU														
	Salem	Employment with Magnesite												42170	6193
	TOTAL : DUNITE	1	--	--	--	2	--	2	2	--	--	--	--	42527	6241
	TOTAL : METALLIFEROUS	2254	1508	67	11181	106849	65011	183041	169450	13591	1760	25149	16014	--	462475440

* Output of all minerals are shown in tonnes except corrundum, diamond, emerald, mica and garnet. Diamond and emerald are in carats and grams respectively. Corrundum, mica and garnet are in kilograms.

PR : Processed, FN : Fine, AB : Abrasive, PL : Pallets, LM : Lumps, GE : Gems.

STATEMENT NO. 1.3

AVERAGE DAILY EMPLOYMENT IN METALLIFEROUS MINES DURING THE YEAR 2014 : STATEWISE

SL. NO.	MINERAL/STATE	BELOWGROUND			OPENCAST					ABOVEGROUND						GRAND TOTAL
		Foreman & Mining Mate	Face Workers & Loaders	Others	Foreman & Mining Mate	Miners & Loaders		Others		Clerical & Supervisory staff		Workers attached to factories		Others		
						Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. APATITE & ROCK PHOSPHATE																
	ANDHRA PRADESH	3	21	3	--	--	--	--	--	1	--	--	--	4	7	39
	MADHYA PRADESH	--	--	--	5	79	61	9	--	9	--	--	--	3	--	166
	RAJASTHAN	--	--	--	25	41	--	146	--	17	2	176	--	13	--	420
	UTTARANCHAL	10	2	55	--	--	--	--	--	25	--	53	--	151	--	296
	WEST BENGAL	--	--	--	2	21	--	55	--	13	--	--	--	9	2	102
TOTAL : APATITE & ROCK PHOSPHA		13	23	58	32	141	61	210	--	65	2	229	--	180	9	1023
2. BARYTES																
	ANDHRA PRADESH	2	7	--	42	278	11	14	--	168	--	2	95	50	24	693
	HIMACHAL PRADESH	3	12	1	--	--	--	--	--	--	--	--	--	--	--	16
	RAJASTHAN	--	--	--	2	9	--	--	--	1	--	--	--	5	--	17
	TELANGANA	--	--	--	1	17	--	11	--	3	--	--	--	--	--	32
TOTAL : BARYTES		5	19	1	45	304	11	25	--	172	--	2	95	55	24	758
3. BAUXITE																
	CHHATTISHGARH	--	--	--	30	1274	14	243	1	83	--	11	--	32	--	1688
	GUJARAT	--	--	--	89	232	92	52	--	19	--	--	--	12	--	496
	JHARKHAND	--	--	--	65	1086	--	703	--	70	--	--	--	238	1	2163
	KARNATAKA	--	--	--	4	15	--	2	--	3	--	--	--	1	--	25
	MADHYA PRADESH	--	--	--	64	357	99	41	--	23	--	--	--	17	--	601
	MAHARASHTRA	--	--	--	49	265	33	132	--	51	--	15	--	6	3	554
	ORISSA	--	--	--	20	92	--	257	2	60	--	--	--	407	--	838
	TAMIL NADU	--	--	--	3	19	--	--	--	4	--	--	--	8	--	34
	UTTAR PRADESH	--	--	--	9	161	49	--	--	3	--	--	--	16	--	238
TOTAL : BAUXITE		--	--	--	333	3501	287	1430	3	316	--	26	--	737	4	6637
4. CALCITE																
	RAJASTHAN	--	--	--	13	180	83	60	--	46	--	46	3	29	1	461
5. CHINA CLAY,CLAY,WHITE-CLAY																
	ANDHRA PRADESH	--	--	--	18	111	--	17	32	4	--	--	--	--	--	182
	GUJARAT	--	--	--	75	268	--	16	--	20	--	38	--	22	--	439
	HARYANA	--	--	--	2	14	--	34	--	16	--	--	--	--	--	66
	JHARKHAND	--	--	--	6	84	43	7	1	52	--	128	46	173	29	569
	KARNATAKA	--	--	--	4	16	4	2	4	9	--	16	--	12	--	67
	KERALA	--	--	--	14	94	77	10	6	61	4	118	103	85	35	607
	ORISSA	--	--	--	--	18	25	--	--	--	--	--	--	9	7	59
	RAJASTHAN	--	--	--	89	210	27	35	--	38	--	--	--	54	1	454
	TAMIL NADU	--	--	--	--	11	--	--	--	3	--	--	--	--	--	14
	WEST BENGAL	--	--	--	10	116	--	47	--	61	--	72	--	4	--	310
TOTAL : CHINA CLAY,CLAY,WHITE-		--	--	--	218	942	176	168	43	264	4	372	149	359	72	2767
6. CHROMITE																
	KARNATAKA	5	61	--	9	19	21	11	--	25	1	27	27	48	--	254
	ORISSA	69	523	213	470	1763	134	1192	18	699	18	1351	429	3254	162	10295
TOTAL : CHROMITE		74	584	213	479	1782	155	1203	18	724	19	1378	456	3302	162	10549
7. COPPER																
	JHARKHAND	57	532	332	--	--	--	--	--	35	--	165	--	203	1	1325
	MADHYA PRADESH	--	--	--	18	111	--	89	--	33	--	55	--	37	--	343
	RAJASTHAN	44	635	811	--	--	--	--	--	21	--	158	9	344	--	2022
TOTAL : COPPER		101	1167	1143	18	111	--	89	--	89	--	378	9	584	1	3690
8. DIAMOND																
	MADHYA PRADESH	--	--	--	3	17	--	6	--	6	--	41	--	19	--	92

STATEMENT NO. 1.3(CONT..)

SL. NO.	MINERAL/STATE	BELOW GROUND			OPENCAST				ABOVE GROUND						GRAND TOTAL
		Foreman & Mining Mate	Face Workers & Loaders	Others	Foreman & Mining Mate	Miners & Loaders		Others		Clerical & Supervisory staff		Workers attached to factories		Others		
						Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
9.	DOLOMITE															
	ANDHRA PRADESH	--	--	--	24	98	--	134	--	4	--	--	--	--	--	260
	CHHATTISHGARH	--	--	--	46	325	105	320	24	32	--	486	--	22	--	1360
	JHARKHAND	--	--	--	7	130	--	2	--	4	--	--	--	31	--	174
	KARNATAKA	--	--	--	11	40	46	26	--	10	--	--	--	5	--	138
	MADHYA PRADESH	--	--	--	7	149	124	19	--	2	--	--	--	8	--	309
	MAHARASHTRA	--	--	--	3	25	11	3	--	10	--	--	--	8	1	61
	ORISSA	--	--	--	5	32	--	73	--	9	--	20	--	125	8	272
	TELANGANA	--	--	--	6	22	--	26	--	9	--	33	--	45	4	145
	WEST BENGAL	--	--	--	--	--	--	--	--	31	--	--	--	--	--	31
TOTAL :	DOLOMITE	--	--	--	109	821	286	603	24	111	--	539	--	244	13	2750
10.	EMERALD															
	ORISSA	--	--	--	--	--	--	--	--	--	--	--	--	1	--	1
11.	FELSPAR															
	ANDHRA PRADESH	3	20	1	9	42	18	35	--	10	--	--	--	--	5	143
	KARNATAKA	--	--	--	1	3	--	5	10	1	--	--	--	1	7	28
	TELANGANA	--	--	--	21	15	--	11	--	5	--	--	--	1	--	53
	WEST BENGAL	--	--	--	1	14	--	--	--	2	--	--	--	--	--	17
TOTAL :	FELSPAR	3	20	1	32	74	18	51	10	18	--	--	--	2	12	241
12.	FIRE-CLAY															
	ANDHRA PRADESH	--	--	--	9	10	--	11	--	--	--	--	--	--	--	30
	GUJARAT	--	--	--	2	32	--	2	--	--	--	--	--	--	--	36
	MADHYA PRADESH	--	--	--	2	38	16	2	--	2	--	--	--	2	--	62
	ORISSA	--	--	--	8	79	--	47	--	11	--	--	--	5	--	150
	RAJASTHAN	--	--	--	22	88	8	23	4	8	--	--	--	4	--	157
	TAMIL NADU	--	--	--	7	45	28	--	6	--	--	--	--	--	--	86
	WEST BENGAL	--	--	--	1	28	--	3	--	2	--	--	--	--	--	34
TOTAL :	FIRE-CLAY	--	--	--	51	320	52	88	10	23	--	--	--	11	--	555
13.	FLUORITE															
	GUJARAT	--	--	--	2	--	--	21	--	2	--	--	--	1	--	26
	MAHARASHTRA	--	--	--	2	30	15	1	--	1	--	--	--	6	--	55
TOTAL :	FLUORITE	--	--	--	4	30	15	22	--	3	--	--	--	7	--	81
14.	GALENA & SPHALARITE															
	ANDHRA PRADESH	2	--	8	--	--	--	--	--	--	--	--	--	30	--	40
	RAJASTHAN	279	1679	646	15	--	--	871	4	662	--	12	1	1488	48	5705
TOTAL :	GALENA & SPHALARITE	281	1679	654	15	--	--	871	4	662	--	12	1	1518	48	5745
15.	GARNET															
	ANDHRA PRADESH	--	--	--	--	28	10	--	--	14	--	--	--	24	--	76
	TAMIL NADU	--	--	--	16	51	10	1013	12	11	--	3	--	6	--	1122
TOTAL :	GARNET	--	--	--	16	79	20	1013	12	25	--	3	--	30	--	1198
16.	GOLD															
	JHARKHAND	5	31	--	--	--	--	--	--	4	--	12	--	--	--	52
	KARNATAKA	154	1320	208	9	--	--	69	--	531	57	807	29	324	105	3613
	UTTARANCHAL	2	5	--	--	--	--	--	--	3	--	--	--	12	--	22
TOTAL :	GOLD	161	1356	208	9	--	--	69	--	538	57	819	29	336	105	3687
17.	GRANITE															
	ANDHRA PRADESH	--	--	--	401	3027	--	1169	1	525	10	366	--	826	35	6360
	GOA	--	--	--	6	43	--	8	--	5	--	--	--	9	--	71

STATEMENT NO. 1.3(CONT..)

SL. NO.	MINERAL/STATE	BELOWGROUND			OPENCAST				ABOVEGROUND						GRAND TOTAL
		Foreman & Mining Mate	Face Workers & Loaders	Others	Foreman & Mining Mate	Miners & Loaders		Others		Clerical & Supervisory staff		Workers attached to factories		Others		
						Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	KARNATAKA	--	--	--	141	970	20	224	--	102	1	66	--	55	1	1580
	KERALA	--	--	--	28	227	44	40	4	32	3	12	--	34	11	435
	MADHYA PRADESH	--	--	--	1	--	--	184	--	5	--	--	--	15	--	205
	ORISSA	--	--	--	2	19	--	5	--	2	--	--	--	2	--	30
	TELANGANA	--	--	--	43	235	1	119	--	13	--	--	--	27	--	438
	TAMIL NADU	--	--	--	265	1836	13	871	10	201	1	36	--	213	4	3450
	UTTAR PRADESH	--	--	--	1	--	--	107	--	20	--	60	--	29	--	217
	WEST BENGAL	--	--	--	1	10	--	1	--	1	--	--	--	--	--	13
TOTAL : GRANITE		--	--	--	889	6367	78	2728	15	906	15	540	--	1210	51	12799
18. GRAPHITE																
	JHARKHAND	--	--	--	1	48	--	3	--	--	--	--	--	--	--	52
	ORISSA	--	--	--	8	80	88	24	12	8	--	--	--	8	--	228
	TAMIL NADU	--	--	--	6	17	--	18	--	3	--	--	--	--	--	44
TOTAL : GRAPHITE		--	--	--	15	145	88	45	12	11	--	--	--	8	--	324
19. GYPSUM																
	JAMMU & KASHMIR	--	--	--	7	61	--	27	--	18	--	--	--	--	--	113
	RAJASTHAN	--	--	--	39	47	--	48	--	53	--	7	--	25	--	219
TOTAL : GYPSUM		--	--	--	46	108	--	75	--	71	--	7	--	25	--	332
20. IRON																
	ANDHRA PRADESH	--	--	--	33	127	--	100	--	5	--	--	--	4	--	269
	CHHATTISHGARH	--	--	--	158	1827	2	602	10	428	--	951	1	1076	38	5093
	GOA	--	--	--	481	1453	11	850	--	274	1	528	--	690	41	4329
	JHARKHAND	--	--	--	134	1127	156	882	--	553	7	2080	156	2745	52	7892
	KARNATAKA	--	--	--	432	3005	92	1938	21	863	4	37	--	921	15	7328
	MADHYA PRADESH	--	--	--	6	33	--	20	--	55	--	1	--	27	1	143
	MAHARASHTRA	--	--	--	64	512	3	269	--	62	--	--	--	34	--	944
	ORISSA	--	--	--	893	6144	863	3739	173	1602	31	3822	78	5326	1010	23681
	RAJASTHAN	--	--	--	20	217	--	241	--	28	--	289	--	38	--	833
TOTAL : IRON		--	--	--	2221	14445	1127	8641	204	3870	43	7708	235	10861	1157	50512
21. KYANITE																
	JHARKHAND	--	--	--	--	--	--	9	--	--	--	--	--	--	--	9
	MAHARASHTRA	--	--	--	17	43	6	6	--	3	--	--	--	--	--	75
TOTAL : KYANITE		--	--	--	17	43	6	15	--	3	--	--	--	--	--	84
22. LATERITE																
	ANDHRA PRADESH	--	--	--	2	35	--	9	--	5	--	--	--	--	--	51
	KARNATAKA	--	--	--	2	33	--	74	--	7	--	--	--	--	--	116
	KERALA	--	--	--	7	--	3	--	--	2	--	2	--	--	--	14
	MADHYA PRADESH	--	--	--	1	16	23	--	--	1	--	--	--	--	--	41
	RAJASTHAN	--	--	--	11	39	--	62	--	7	--	--	--	14	--	133
TOTAL : LATERITE		--	--	--	23	123	26	145	--	22	--	2	--	14	--	355
23. LIMESTONE																
	ANDAMAN & NICOBAR IS	--	--	--	2	46	--	10	--	--	--	--	--	--	--	58
	ANDHRA PRADESH	--	--	--	152	893	5	333	--	172	4	71	--	508	10	2148
	ASSAM	--	--	--	8	71	--	26	--	4	--	7	--	13	--	129
	BIHAR	--	--	--	6	27	3	77	--	6	--	28	--	4	1	152
	CHHATTISHGARH	--	--	--	94	509	--	477	--	99	--	45	--	134	--	1358
	GUJARAT	--	--	--	169	1212	290	269	--	102	--	8	--	126	--	2176
	HIMACHAL PRADESH	--	--	--	103	724	12	201	--	46	--	4	--	96	3	1189
	HARYANA	--	--	--	1	11	--	2	--	1	--	--	--	1	--	16
	JHARKHAND	--	--	--	47	370	69	174	6	120	2	23	--	220	8	1039
	JAMMU & KASHMIR	--	--	--	1	32	--	--	--	2	--	--	--	--	--	35

STATEMENT NO. 1.3(CONT..)

SL. NO.	MINERAL/STATE	BELOW GROUND			OPENCAST				ABOVE GROUND						GRAND TOTAL
		Foreman & Mining Mate	Face Workers & Loaders	Others	Foreman & Mining Mate	Miners & Loaders		Others		Clerical & Supervisory staff		Workers attached to factories		Others		
						Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	KARNATAKA	--	--	--	147	851	22	482	10	125	--	28	--	121	14	1800
	KERALA	--	--	--	4	60	--	57	--	12	--	121	--	--	--	254
	MEGHALAYA	--	--	--	39	223	--	137	--	20	3	2	--	104	12	540
	MADHYA PRADESH	1	--	--	327	2398	116	478	3	183	2	152	--	690	36	4386
	MAHARASHTRA	--	--	--	45	196	13	299	27	34	4	3	--	133	--	754
	ORISSA	--	--	--	188	1018	311	546	--	52	2	221	10	676	53	3077
	RAJASTHAN	--	--	--	403	4700	350	1385	190	437	6	344	15	486	38	8354
	TELANGANA	--	--	--	203	1548	4	318	--	689	--	693	--	51	--	3506
	TAMIL NADU	--	--	--	231	1064	31	637	--	124	--	41	8	153	1	2290
	UTTARANCHAL	--	--	--	5	24	--	2	--	33	--	--	--	--	--	64
	UTTAR PRADESH	--	--	--	15	86	--	22	--	24	--	--	--	--	--	147
TOTAL : LIMESTONE		1	--	--	2190	16063	1226	5932	236	2285	23	1791	33	3516	176	33472
24. MAGNESITE																
	JHARKHAND	--	--	--	1	27	19	--	--	6	--	--	--	4	--	57
	KARNATAKA	--	--	--	6	22	2	63	19	8	--	16	--	23	3	162
	TAMIL NADU	--	--	--	34	398	118	564	798	26	4	--	--	--	--	1942
	UTTARANCHAL	--	--	--	11	32	--	81	--	14	--	--	--	39	--	177
TOTAL : MAGNESITE		--	--	--	52	479	139	708	817	54	4	16	--	66	3	2338
25. MANGANESE																
	ANDHRA PRADESH	--	--	--	56	424	431	155	30	33	--	--	--	43	8	1180
	GOA	--	--	--	20	92	69	125	35	9	--	--	--	24	11	385
	GUJARAT	--	--	--	6	3	--	13	--	10	--	--	--	21	--	53
	JHARKHAND	--	--	--	8	22	--	42	--	28	--	21	5	19	--	145
	KARNATAKA	--	--	--	62	713	46	208	3	196	13	--	--	659	104	2004
	MADHYA PRADESH	115	1354	228	42	457	245	164	32	196	3	397	2	375	249	3859
	MAHARASHTRA	73	841	209	88	1416	449	297	64	195	32	489	126	932	351	5562
	ORISSA	--	--	--	113	1284	941	231	28	199	13	47	1	2473	324	5654
TOTAL : MANGANESE		188	2195	437	395	4411	2181	1235	192	866	61	954	134	4546	1047	18842
26. MARBLE																
	GUJARAT	--	--	--	8	224	--	32	--	23	--	34	--	--	--	321
	MADHYA PRADESH	--	--	--	7	19	--	36	--	29	--	--	--	--	--	91
	RAJASTHAN	--	--	--	51	683	--	487	--	122	--	151	--	54	--	1548
TOTAL : MARBLE		--	--	--	66	926	--	555	--	174	--	185	--	54	--	1960
27. MICA																
	ANDHRA PRADESH	25	129	63	16	77	--	32	--	27	--	20	18	30	37	474
	BIHAR	5	21	10	2	8	--	--	--	7	--	--	--	3	--	56
	JHARKHAND	2	11	2	--	--	--	--	--	4	--	--	--	18	--	37
	RAJASTHAN	--	--	--	2	10	--	--	--	--	--	--	--	--	--	12
TOTAL : MICA		32	161	75	20	95	--	32	--	38	--	20	18	51	37	579
28. OCHRE																
	ANDHRA PRADESH	--	--	--	--	1	--	7	--	--	--	--	--	--	--	8
	GUJARAT	--	--	--	--	16	--	--	--	--	--	--	--	--	--	16
	MADHYA PRADESH	2	--	12	--	--	--	--	--	1	--	4	--	--	--	19
TOTAL : OCHRE		2	--	12	--	17	--	7	--	1	--	4	--	--	--	43
29. QUARTZ																
	ANDHRA PRADESH	--	--	--	4	74	7	5	--	1	--	--	--	4	27	122
	BIHAR	--	--	--	3	18	--	10	--	7	--	--	--	--	--	38
	CHHATTISHGARH	--	--	--	2	114	9	--	--	6	1	--	--	--	--	132
	JHARKHAND	4	14	--	2	46	--	1	--	11	--	3	--	3	1	85
	ORISSA	--	--	--	11	131	14	32	--	7	--	--	--	3	--	198
	RAJASTHAN	--	--	--	2	60	1	14	--	6	--	--	--	11	--	94

STATEMENT NO. 1.3(CONT..)

SL. NO.	MINERAL/STATE	BELOW GROUND			OPENCAST					ABOVE GROUND						GRAND TOTAL
		Foreman & Mining Mate	Face Workers & Loaders	Others	Foreman & Mining Mate	Miners & Loaders		Others		Clerical & Supervisory staff		Workers attached to factories		Others		
						Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	TELANGANA	--	--	--	12	119	7	38	--	11	--	--	--	4	--	191
	TAMIL NADU	--	--	--	9	61	146	14	--	2	--	--	--	--	--	232
TOTAL : QUARTZ		4	14	--	45	623	184	114	--	51	1	3	--	25	28	1092
30. SALT																
	HIMACHAL PRADESH	--	--	--	--	--	--	--	--	1	--	--	--	11	--	12
31. SANDSTONE																
	ANDHRA PRADESH	--	--	--	8	47	--	103	17	129	2	210	6	--	--	522
	HARYANA	--	--	--	--	5	--	11	--	--	--	--	--	--	--	16
	JHARKHAND	--	--	--	2	21	1	--	--	1	--	--	--	5	1	31
	RAJASTHAN	--	--	--	7	235	--	19	--	1	--	10	--	8	--	280
	UTTAR PRADESH	--	--	--	3	--	--	33	--	2	--	--	--	--	--	38
TOTAL : SANDSTONE		--	--	--	20	308	1	166	17	133	2	220	6	13	1	887
32. SELENITE																
	RAJASTHAN	--	--	--	4	--	--	--	--	4	--	1	--	1	--	10
33. SILICA																
	ANDHRA PRADESH	--	--	--	3	44	43	7	10	--	--	--	--	--	--	107
	HARYANA	--	--	--	98	1097	--	293	--	182	--	25	--	190	--	1885
	KARNATAKA	--	--	--	--	14	10	9	4	--	--	1	--	1	--	39
	MAHARASHTRA	--	--	--	15	92	53	28	9	62	--	56	--	40	1	356
	RAJASTHAN	--	--	--	13	64	5	71	10	32	--	121	128	45	--	489
	TAMIL NADU	--	--	--	3	4	32	1	--	--	--	--	--	10	--	50
	UTTAR PRADESH	--	--	--	--	2	--	--	--	--	--	--	--	1	--	3
TOTAL : SILICA		--	--	--	132	1317	143	409	33	276	--	203	128	287	1	2929
34. SILLIMANITE																
	ANDHRA PRADESH	--	--	--	7	47	--	76	--	120	3	217	25	--	--	495
	KERALA	--	--	--	--	11	--	2	--	71	16	266	13	--	--	379
	MAHARASHTRA	--	--	--	8	296	11	3	--	16	4	--	--	14	--	352
	ORISSA	--	--	--	8	84	--	22	--	53	--	--	--	738	66	971
	TAMIL NADU	--	--	--	11	405	--	--	--	301	17	--	--	--	--	734
TOTAL : SILLIMANITE		--	--	--	34	843	11	103	--	561	40	483	38	752	66	2931
35. SLATE																
	HARYANA	--	--	--	7	169	--	3	--	6	--	--	--	--	--	185
36. STEATITE																
	ANDHRA PRADESH	4	5	18	14	83	--	8	--	5	--	3	--	12	19	171
	BIHAR	--	--	--	1	7	--	7	--	4	--	--	--	--	--	19
	JHARKHAND	--	--	--	3	8	--	11	--	2	--	--	--	--	--	24
	MADHYA PRADESH	--	--	--	9	61	48	69	--	2	--	--	--	14	4	207
	ORISSA	--	--	--	1	11	7	6	--	1	--	--	--	10	--	36
	RAJASTHAN	6	91	172	123	989	137	689	21	144	--	8	--	217	109	2706
	UTTARANCHAL	--	--	--	78	926	1	160	49	94	--	16	--	25	--	1349
	UTTAR PRADESH	--	--	--	2	96	--	98	--	6	--	--	--	--	--	202
TOTAL : STEATITE		10	96	190	231	2181	193	1048	70	258	--	27	--	278	132	4714
37. STONE																
	ANDHRA PRADESH	--	--	--	28	29	--	10	--	2	--	--	--	--	--	69
	BIHAR	--	--	--	9	31	--	24	--	13	--	4	--	12	--	93
	GOA	--	--	--	14	72	--	120	9	20	--	--	--	31	--	266
	GUJARAT	--	--	--	8	64	4	16	6	52	2	44	--	26	6	228
	HARYANA	--	--	--	201	1821	--	75	--	153	--	--	--	53	--	2303
	JHARKHAND	--	--	--	203	539	--	298	3	267	11	170	92	433	98	2114

STATEMENT NO. 1.3(CONT..)

SL. NO.	MINERAL/STATE	BELOWGROUND			OPENCAST					ABOVEGROUND						GRAND TOTAL
		Foreman & Mining Mate	Face Workers & Loaders	Others	Foreman & Mining Mate	Miners & Loaders		Others		Clerical & Supervisory staff		Workers attached to factories		Others		
						Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	KARNATAKA	--	--	--	1	36	--	--	1	5	--	--	--	--	--	43
	KERALA	--	--	--	4	30	--	6	--	4	--	--	--	--	--	44
	MAHARASHTRA	--	--	--	60	213	3	63	2	60	--	--	--	22	11	434
	ORISSA	--	--	--	5	29	--	3	--	2	--	3	--	--	--	42
	RAJASTHAN	--	--	--	25	233	--	18	5	82	--	--	--	19	--	382
	TELANGANA	--	--	--	--	48	--	9	--	3	--	--	--	1	--	61
	TAMIL NADU	--	--	--	25	271	86	62	--	29	--	36	--	27	2	538
	WEST BENGAL	--	--	--	53	272	--	131	--	199	--	71	--	125	24	875
TOTAL : STONE		--	--	--	636	3688	93	835	26	891	13	328	92	749	141	7492
38. VERMICULITE																
	ANDHRA PRADESH	--	--	--	2	10	7	2	--	9	--	--	--	--	5	35
	TAMIL NADU	--	--	--	2	13	--	--	--	--	--	5	--	4	--	24
TOTAL : VERMICULITE		--	--	--	4	23	7	2	--	9	--	5	--	4	5	59
39. WOLLASTONITE																
	RAJASTHAN	--	--	--	24	314	137	153	--	65	1	54	--	71	34	853
40. DUNITE																
	KARNATAKA	--	--	--	1	--	--	1	--	--	--	--	--	--	--	2
TOTAL : METALLIFEROUS		875	7314	2992	8449	60990	6804	28860	1746	13618	285	16396	1426	29956	3330	183041

STATEMENT NO. 1.4

STATEWISE DISTRIBUTION OF MINES, EMPLOYMENT AND OUTPUT FOR METALLIFEROUS MINES DURING THE YEAR 2014

SL.	STATE/MINERAL	Number of mines submitting returns	AVERAGE DAILY EMPLOYMENT					OUTPUT * in tonnes unless otherwise stated	VALUE in '000 Rs.
			Below-ground	Opencast		Aboveground		Total		
				Men	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10	11
ANDAMAN & NICOBAR ISLAND										
	1. Limestone	1	--	58	--	--	--	58	Nil	Nil
	TOTAL : ANDAMAN & NICOBAR IS	1	--	58	--	--	--	58	--	Nil
ANDHRA PRADESH										
	1. Apatite & Rock Phospha	1	27	--	--	5	7	39	3765	7831
	2. Barytes	3	9	334	11	220	119	693	1091781	3427674
	3. China Clay,clay,white-	9	--	146	32	4	--	182	128987	45512
									36910 (PR)	34
	4. Dolomite	6	--	256	--	4	--	260	872052	116312
									5900 (FN)	1180
									24388 (LM)	10975
	5. Felspar	5	24	86	18	10	5	143	712704	105063
									31052 (PR)	53061
	6. Fire-clay	2	--	30	--	--	--	30	11100	1191
	7. Galena & Sphalarite	1	10	--	--	30	--	40	1079	811
	8. Garnet	2	--	28	10	38	--	76	156329	14902
	9. Granite	98	--	4597	1	1717	45	6360	1706805	19546626
									31478 (PR)	322391
	10. Iron	16	--	260	--	9	--	269	2735993	2946470
									38247 (FN)	11893
									158284 (LM)	58076
	11. Laterite	3	--	46	--	5	--	51	1435987	3674
	12. Limestone	50	--	1378	5	751	14	2148	57340109	8669240
	13. Manganese	29	--	635	461	76	8	1180	351550	510574
									2529 (PR)	12643
	14. Mica	24	217	125	--	77	55	474	2790458	49828
	15. Ochre	1	--	8	--	--	--	8	7685	1921
	16. Quartz	7	--	83	7	5	27	122	44151	17072
									4940 (PR)	933
	17. Sandstone	1	--	158	17	339	8	522	94688 (PR)	850387
	18. Silica	8	--	54	53	--	--	107	184333	39296
	19. Sillimanite	1	--	130	--	337	28	495	24179	193529
	20. Steatite	10	27	105	--	20	19	171	71652	19257
	21. Stone	2	--	67	--	2	--	69	94524	21606
	22. Vermiculite	2	--	14	7	9	5	35	9553	987
	TOTAL : ANDHRA PRADESH	281	314	8540	622	3658	340	13474	--	37060953
ASSAM										
	1. Limestone	6	--	105	--	24	--	129	272718	33070
	TOTAL : ASSAM	6	--	105	--	24	--	129	--	33070
BIHAR										
	1. Limestone	3	--	110	3	38	1	152	540472	217003
	2. Mica	3	36	10	--	10	--	56	401057	2463
	3. Quartz	2	--	31	--	7	--	38	57648	18907
	4. Steatite	2	--	15	--	4	--	19	24380	3245
	5. Stone	4	--	64	--	29	--	93	2191355	657718
	TOTAL : BIHAR	14	36	230	3	88	1	358	--	899335

STATEMENT NO. 1.4(CONT…)

SL.	STATE/MINERAL	Number of mines submitting returns	AVERAGE DAILY EMPLOYMENT					OUTPUT * in tonnes unless otherwise stated	VALUE in '000 Rs.
			Below-ground	Opencast		Aboveground		Total		
				Men	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10	11
CHHATTISHGARH										
	1. Bauxite	13	--	1547	15	126	--	1688	1752471	1398506
									113515 (PR)	13668
	2. Dolomite	11	--	691	129	540	--	1360	2969197	1071179
	3. Iron	11	--	2587	12	2455	39	5093	6216241	4187260
									14232036 (FN)	33479840
									7447753 (LM)	20136843
	4. Limestone	20	--	1080	--	278	--	1358	38374532	5249856
	5. Quartz	2	--	116	9	6	1	132	29912	4677
	TOTAL : CHHATTISHGARH	57	--	6021	165	3405	40	9631	--	65541829
GOA										
	1. Granite	2	--	57	--	14	--	71	105643	10217
	2. Iron	86	--	2784	11	1492	42	4329	10498382	1639659
									3490616 (FN)	846373
									947554 (LM)	1227041
									3118695 (PR)	2431747
	3. Manganese	12	--	237	104	33	11	385	1843208	1837415
									35267 (PR)	60072
	4. Stone	7	--	206	9	51	--	266	582951	181413
	TOTAL : GOA	107	--	3284	124	1590	53	5051	--	8233938
GUJARAT										
	1. Bauxite	25	--	373	92	31	--	496	1564420	700178
									163271 (PR)	35349
	2. China Clay,clay,white-	28	--	359	--	80	--	439	270849	74795
									22519 (PR)	17844
	3. Fire-clay	2	--	36	--	--	--	36	7550	755
	4. Fluorite	1	--	23	--	3	--	26	Nil	Nil
	5. Limestone	51	--	1650	290	236	--	2176	37249217	4437079
									27450 (PR)	1799
	6. Manganese	2	--	22	--	31	--	53	Nil	Nil
	7. Marble	4	--	264	--	57	--	321	2005866	1070108
	8. Ochre	1	--	16	--	--	--	16	592	59
	9. Quartz	Employment with Limestone and Marble							21275	10036
	10. Stone	4	--	88	10	122	8	228	306732	35858
	TOTAL : GUJARAT	118	--	2831	392	560	8	3791	--	6383860
HIMACHAL PRADESH										
	1. Barytes	1	16	--	--	--	--	16	588	882
	2. Limestone	35	--	1028	12	146	3	1189	15410829	1925538
									16577 (PR)	2636
	3. Salt	1	--	--	--	12	--	12	Nil	Nil
	TOTAL : HIMACHAL PRADESH	37	16	1028	12	158	3	1217	--	1929056
HARYANA										
	1. China Clay,clay,white-	2	--	50	--	16	--	66	86592	4661
	2. Limestone	1	--	14	--	2	--	16	2760	373
	3. Sandstone	1	--	16	--	--	--	16	226986	8371
	4. Silica	14	--	1488	--	397	--	1885	9390671	1627593
									347116 (PR)	49533

STATEMENT NO. 1.4(CONT…)

SL.	STATE/MINERAL	Number of mines submitting returns	AVERAGE DAILY EMPLOYMENT					OUTPUT * in tonnes unless otherwise stated	VALUE in '000 Rs.
			Below-ground	Opencast		Aboveground		Total		
				Men	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10	11
	5. Slate	2	--	179	--	6	--	185	40961	39296
	6. Stone	22	--	2097	--	206	--	2303	11190372	805065
									6639167 (PR)	464322
	TOTAL : HARYANA	42	--	3844	--	627	--	4471	--	2999215
JHARKHAND										
	1. Bauxite	22	--	1854	--	308	1	2163	2936921	1453762
	2. China Clay,clay,white-	9	--	97	44	353	75	569	117287	23806
									61821 (PR)	13883
	3. Copper	3	921	--	--	403	1	1325	308850	338039
	4. Dolomite	1	--	139	--	35	--	174	169519	144691
	5. Gold	1	36	--	--	16	--	52	5052	22367
	6. Graphite	3	--	52	--	--	--	52	6160	737
	7. Iron	25	--	2143	156	5378	215	7892	8751035	5790187
									8274078 (FN)	3984141
									3318408 (LM)	2410615
									6276973 (PR)	6143643
	8. Kyanite	1	--	9	--	--	--	9	Nil	Nil
	9. Limestone	19	--	591	75	363	10	1039	1098975	169569
									38767 (PR)	6059
	10. Magnesite	1	--	28	19	10	--	57	18551	12986
	11. Manganese	4	--	72	--	68	5	145	195958	52146
									334 (PR)	735
	12. Mica	4	15	--	--	22	--	37	19354	71
	13. Quartz	3	18	49	--	17	1	85	14200	40307
	14. Sandstone	1	--	23	1	6	1	31	11254	2251
	15. Steatite	2	--	22	--	2	--	24	Nil	Nil
	16. Stone	93	--	1040	3	870	201	2114	12428550	731042
									103807 (PR)	3065
	TOTAL : JHARKHAND	192	990	6119	298	7851	510	15768	--	21344101
JAMMU & KASHMIR										
	1. Gypsum	3	--	95	--	18	--	113	65816	29501
	2. Limestone	1	--	33	--	2	--	35	2000 (PR)	1038
	TOTAL : JAMMU & KASHMIR	4	--	128	--	20	--	148	--	30538
KARNATAKA										
	1. Bauxite	2	--	21	--	4	--	25	118000	4720
	2. China Clay,clay,white-	3	--	22	8	37	--	67	14514	1886
									25860 (PR)	7229
	3. Chromite	4	66	39	21	100	28	254	5268	15055
	4. Dolomite	8	--	77	46	15	--	138	363251	256825
	5. Felspar	3	--	9	10	2	7	28	592	301
	6. Gold	4	1682	78	--	1662	191	3613	726312	3635637
	7. Granite	29	--	1335	20	223	2	1580	303161	2634110
									313500 (PR)	2310077
	8. Iron	100	--	5375	113	1821	19	7328	13763665	7085316
									10221354 (FN)	18000593
									4355691 (LM)	14421537
									6399438 (PR)	8967960
	9. Laterite	1	--	109	--	7	--	116	147850 (PR)	25534
	10. Limestone	64	--	1480	32	274	14	1800	86813512	26169490
	11. Magnesite	4	--	91	21	47	3	162	17631	23971
									77028 (PR)	21752

STATEMENT NO. 1.4(CONT…)

SL.	STATE/MINERAL	Number of mines submitting returns	AVERAGE DAILY EMPLOYMENT					OUTPUT * in tonnes unless otherwise stated	VALUE in '000 Rs.
			Below-ground	Opencast		Aboveground		Total		
				Men	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10	11
	12. Manganese	18	--	983	49	855	117	2004	462262	577627
									12000 (LM)	2640
									163085 (PR)	414070
	13. Silica	8	--	23	14	2	--	39	62620	52375
	14. Stone	2	--	37	1	5	--	43	125781	37635
	15. Dunite	1	--	2	--	--	--	2	357	48
	TOTAL : KARNATAKA	251	1748	9681	335	5054	381	17199	--	84666387
KERALA										
	1. China Clay,clay,white-	13	--	118	83	264	142	607	514948	95101
									2225 (FN)	16997
	2. Granite	17	--	295	48	78	14	435	930843	1656793
									756 (FN)	300
									3144 (LM)	562
	3. Laterite	2	--	7	3	4	--	14	8000	1562
	4. Limestone	2	--	121	--	133	--	254	14190	12615
									598661 (PR)	59866
	5. Sillimanite	1	--	13	--	337	29	379	139258	358145
	6. Stone	2	--	40	--	4	--	44	41334	21390
	TOTAL : KERALA	37	--	594	134	820	185	1733	--	2223331
MEGHALAYA										
	1. Limestone	11	--	399	--	126	15	540	3325119	556015
	TOTAL : MEGHALAYA	11	--	399	--	126	15	540	--	556015
MADHYA PRADESH										
	1. Apatite & Rock Phospha	2	--	93	61	12	--	166	60433	43102
	2. Bauxite	13	--	462	99	40	--	601	535388	187151
	3. China Clay,clay,white-	Employment with Steatite and Limestone							294575	98564
	4. Copper	1	--	218	--	125	--	343	2483954	2406951
	5. Diamond	1	--	26	--	66	--	92	37325	6282720
	6. Dolomite	5	--	175	124	10	--	309	57679	49151
									Nil	Nil
	7. Fire-clay	3	--	42	16	4	--	62	35318	2029
	8. Granite	1	--	185	--	20	--	205	Nil	Nil
	9. Iron	6	--	59	--	83	1	143	231114	81183
									630001 (FN)	426491
									160593 (LM)	90005
	10. Laterite	1	--	17	23	1	--	41	21750	653
	11. Limestone	53	1	3203	119	1025	38	4386	51143778	7899030
	12. Manganese	22	1697	663	277	968	254	3859	298875	993236
									173102 (PR)	1500419
	13. Marble	3	--	62	--	29	--	91	24856	7203
	14. Ochre	1	14	--	--	5	--	19	970	78
	15. Steatite	4	--	139	48	16	4	207	48378	36866
	TOTAL : MADHYA PRADESH	116	1712	5344	767	2404	297	10524	--	20104831

STATEMENT NO. 1.4(CONT…)

SL.	STATE/MINERAL	Number of mines submitting returns	AVERAGE DAILY EMPLOYMENT					OUTPUT * in tonnes unless otherwise stated	VALUE in '000 Rs.
			Below-ground	Opencast		Aboveground		Total		
				Men	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10	11
MAHARASHTRA										
	1. Bauxite	22	--	446	33	72	3	554	3523842	924565
									320028 (PR)	59205
	2. Dolomite	3	--	31	11	18	1	61	82556	20730
									91895 (PR)	21758
	3. Fluorite	1	--	33	15	7	--	55	3095 (LM)	1832
	4. Iron	14	--	845	3	96	--	944	2810861	6801856
									39351 (FN)	37689
	5. Kyanite	5	--	66	6	3	--	75	6755	1598
	6. Limestone	12	--	540	40	170	4	754	9335405	1342229
									13105 (PR)	2922
	7. Manganese	15	1123	1801	513	1616	509	5562	1504452	5860358
									297223 (PR)	1042384
	8. Silica	10	--	135	62	158	1	356	380917	94794
									48162 (PR)	24201
	9. Sillimanite	4	--	307	11	30	4	352	7510	2040
									1081 (LM)	6486
									48513 (PR)	359106
	10. Stone	13	--	336	5	82	11	434	747848	56981
	TOTAL : MAHARASHTRA	99	1123	4540	699	2252	533	9147	--	16660735
ORISSA										
	1. Bauxite	5	--	369	2	467	--	838	7155768	3476736
	2. China Clay,clay,white-	1	--	18	25	9	7	59	7341 (PR)	2872
	3. Chromite	25	805	3425	152	5304	609	10295	1776578	8394514
									246471 (FN)	289742
									115911 (LM)	620516
									892652 (PR)	3363271
	4. Dolomite	3	--	110	--	154	8	272	261994	92294
									74115 (PR)	59565
	5. Emerald	1	--	--	--	1	--	1	Nil	Nil
	6. Fire-clay	7	--	134	--	16	--	150	24919	6023
	7. Granite	1	--	26	--	4	--	30	6002	31361
	8. Graphite	10	--	112	100	16	--	228	24353	13387
	9. Iron	107	--	10776	1036	10750	1119	23681	69986916	58078075
									13951232 (FN)	24857188
									10595724 (LM)	14289802
									11381583 (PR)	15695240
	10. Limestone	17	--	1752	311	949	65	3077	6036836	1672306
	11. Manganese	37	--	1628	969	2719	338	5654	701485	1244401
									549658 (PR)	1057334
	12. Quartz	6	--	174	14	10	--	198	16799	5172
									14558 (PR)	17834
	13. Sillimanite	1	--	114	--	791	66	971	225173 (PR)	245104
	14. Steatite	1	--	18	7	11	--	36	11787	177
	15. Stone	2	--	37	--	5	--	42	24106	10788
									116946 (PR)	39096
	TOTAL : ORISSA	224	805	18693	2616	21206	2212	45532	--	133562799
RAJASTHAN										
	1. Apatite & Rock Phospha	4	--	212	--	206	2	420	670675	509507
	2. Barytes	1	--	11	--	6	--	17	5820	2619
	3. Calcite	3	--	253	83	121	4	461	141528	78294
	4. China Clay,clay,white-	28	--	334	27	92	1	454	1232724	518653
	5. Copper	2	1490	--	--	523	9	2022	555617	1010319

STATEMENT NO. 1.4(CONT…)

SL.	STATE/MINERAL	Number of mines submitting returns	AVERAGE DAILY EMPLOYMENT					OUTPUT * in tonnes unless otherwise stated	VALUE in '000 Rs.
			Below-ground	Opencast		Aboveground		Total		
				Men	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10	11
	6. Dolomite	Employment with Fire-clay and Steatite							23442	82047
	7. Felspar	Employment with Fire-clay Steatite and Mica							21638	5751
	8. Fire-clay	11	--	133	12	12	--	157	425427	46033
	9. Galena & Sphalarite	12	2604	886	4	2162	49	5705	12345694	14312097
	10. Gypsum	36	--	134	--	85	--	219	2964098	2602615
	11. Iron	2	--	478	--	355	--	833	4668147	1016
									47620 (LM)	36005
									181932 (PR)	185365
	12. Laterite	1	--	112	--	21	--	133	1720177	276782
	13. Limestone	104	--	6488	540	1267	59	8354	97687061	14846807
									2529293 (FN)	1214061
									48461 (PR)	3595
	14. Marble	15	--	1221	--	327	--	1548	2062079	2396082
	15. Mica	2	--	12	--	--	--	12	4351	1049
	16. Quartz	3	--	76	1	17	--	94	15189	3214
									186627 (PR)	349067
	17. Sandstone	1	--	261	--	19	--	280	71118	146100
	18. Selenite	3	--	4	--	6	--	10	Nil	Nil
	19. Silica	6	--	148	15	198	128	489	67226	16855
									195476 (PR)	77772
	20. Steatite	46	269	1801	158	369	109	2706	1191361	1103123
									63433 (PR)	39568
	21. Stone	5	--	276	5	101	--	382	4987565	493827
	22. Wollastonite	3	--	491	137	190	35	853	222468	216687
	TOTAL : RAJASTHAN	288	4363	13331	982	6077	396	25149	--	40574911
TELANGANA										
	1. Barytes	1	--	29	--	3	--	32	5325	2130
	2. Dolomite	1	--	54	--	87	4	145	506369	335200
	3. Felspar	3	--	47	--	6	--	53	31879	8496
	4. Granite	13	--	397	1	40	--	438	62571	423419
									8511 (PR)	14344
	5. Limestone	42	--	2069	4	1433	--	3506	38117106	5529785
	6. Quartz	9	--	169	7	15	--	191	288064	85234
	7. Stone	3	--	57	--	4	--	61	24682	5195
	TOTAL : TELANGANA	72	--	2822	12	1588	4	4426	--	6403801
TAMIL NADU										
	1. Bauxite	2	--	22	--	12	--	34	285103	85968
	2. China Clay,clay,white-	1	--	11	--	3	--	14	25760	3916
	3. Fire-clay	4	--	52	34	--	--	86	28639	9532
	4. Garnet	5	--	1080	22	20	--	1122	702102	649722
	5. Granite	101	--	2972	23	450	5	3450	980178	2327623
									3635 (PR)	18973
	6. Graphite	1	--	41	--	3	--	44	60228	30667
	7. Limestone	69	--	1932	31	318	9	2290	26673075	5150715
	8. Magnesite	9	--	996	916	26	4	1942	463009	1407076
	9. Quartz	6	--	84	146	2	--	232	8926	6302
									4343 (PR)	9996
	10. Silica	3	--	8	32	10	--	50	8921	3128
	11. Sillimanite	2	--	416	--	301	17	734	170424	361787
	12. Stone	10	--	358	86	92	2	538	1614438	79515
	13. Vermiculite	1	--	15	--	9	--	24	2323	4576
	14. Dunite	Employment with Magnesite							42170	6193
	TOTAL : TAMIL NADU	214	--	7987	1290	1246	37	10560	--	10155688

STATEMENT NO. 1.4(CONT…)

SL.	STATE/MINERAL	Number of mines submitting returns	AVERAGE DAILY EMPLOYMENT					OUTPUT * in tonnes unless otherwise stated	VALUE in '000 Rs.
			Below-ground	Opencast		Aboveground		Total		
				Men	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10	11
UTTARANCHAL										
	1. Apatite & Rock Phospha	3	67	--	--	229	--	296	Nil	Nil
	2. Gold	1	7	--	--	15	--	22	Nil	Nil
	3. Limestone	2	--	31	--	33	--	64	80480	7777
	4. Magnesite	1	--	124	--	53	--	177	Nil	Nil
	5. Steatite	31	--	1164	50	135	--	1349	3124780	1629860
									12700 (PR)	7620
	TOTAL : UTTARANCHAL	38	74	1319	50	465	--	1908	--	1645256
UTTAR PRADESH										
	1. Bauxite	4	--	170	49	19	--	238	100	4
									16597 (PR)	4171
	2. Granite	3	--	108	--	109	--	217	13596	202500
	3. Limestone	2	--	123	--	24	--	147	6135829	962673
	4. Sandstone	1	--	36	--	2	--	38	404715	96753
	5. Silica	1	--	2	--	1	--	3	Nil	Nil
	6. Steatite	1	--	196	--	6	--	202	5513	10380
	TOTAL : UTTAR PRADESH	12	--	635	49	161	--	845	--	1276481
WEST BENGAL										
	1. Apatite & Rock Phospha	1	--	78	--	22	2	102	Nil	Nil
	2. China Clay,clay,white-	6	--	173	--	137	--	310	92267	55664
									24357 (PR)	7012
	3. Dolomite	1	--	--	--	31	--	31	Nil	Nil
	4. Felspar	1	--	15	--	2	--	17	668	207
									2708 (LM)	1312
	5. Fire-clay	1	--	32	--	2	--	34	29535	4838
	6. Granite	1	--	12	--	1	--	13	Nil	Nil
	7. Steatite	Employment with China Clay,clay,white-clay and Stone							1148720	1660
	8. Stone	22	--	456	--	395	24	875	2988448	118618
	TOTAL : WEST BENGAL	33	--	766	--	590	26	1382	--	189310
TOTAL : METALLIFEROUS		2254	11181	98299	8550	59970	5041	183041	--	462475441

* Output of all minerals are shown in tonnes except corrundum, diamond, emerald, mica and garnet. Diamond and emerald are in carats and grams respectively. Corrundum, mica and garnet are in kilograms.

PR : Processed, FN : Fine, AB : Abrasive, PL : Pallets, LM : Lumps, GE : Gems.

STATEMENT NO. 1.5

AVERAGE DAILY EMPLOYMENT, OUTPUT AND VALUE IN OIL MINES DURING THE YEAR 2014 : STATE-DISTRICT WISE

STATE/DISTRICT	MINES SUBMITTING RETURNS	AVERAGE DAILY EMPLOYMENT											OIL		GAS	
		CONTRACT	TOTAL	MEN	WOMEN	SUPERVISORS	CLERKS	DRILLING	PRODUCTION	WORKSHOP	FIRE-SERVICE	OTHERS	Output Tonnes	Value '000 Rs.	Output '000 CM	Value '000 Rs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ANDHRA PRADESH																
East Godavari	7	705	1840	1840	--	251	31	40	308	25	6	1179	1700075	33783892	2442811	9811598
ARUNACHAL PRADESH																
Changlang	1	161	211	209	2	15	--	19	13	--	1	163	75660	3484104	21477	12842
ASSAM																
Dibrugarh	5	1268	2503	2479	24	28	76	2	900	--	--	1497	14588	466374	2432894	18949547
Jorhat	2	21	35	35	--	10	--	--	--	--	--	25	--	--	--	--
Sibsagar	14	396	3896	3890	6	1170	49	309	686	--	49	1633	1170935	19582337	1378246	3687499
Cachar	1	--	37	37	--	28	--	--	--	--	--	9	--	--	--	--
TOTAL:ASSAM	22	1685	6471	6441	30	1236	125	311	1586	--	49	3164	1185523	20048711	3811140	22637046
BIHAR																
Kishanganj	1	--	41	41	--	--	--	34	--	--	1	6	--	--	--	--
GUJARAT																
Ahmedabad	4	902	1243	1232	11	652	12	70	211	--	--	298	1324143	26158313	169364	838351
Bharuch	1	1987	2225	2197	28	1321	--	--	--	--	--	904	811824	12318071	1131613	5003519
Gandhinagar	3	15	50	50	--	12	--	--	22	--	--	16	18412	676880	6797	70841
Kheda	1	--	4	4	--	--	--	--	3	--	--	1	21814	416335	260739	787432
Mehasana	12	537	3350	3333	17	550	147	496	503	164	2	1488	5230367	14286786	227277	1272181
Surat	3	5	207	205	2	42	5	--	13	--	6	141	423350	16602844	205751	1898060
Koira	1	20	95	95	--	7	1	--	87	--	--	--	193085	3951121	8830	53035
Anand	4	30	141	134	7	39	--	--	65	11	4	22	161668	6940929	103386	1171896
TOTAL:GUJARAT	29	3496	7315	7250	65	2623	165	566	904	175	12	2870	8184663	81351279	2113757	11095315
JHARKHAND																
Hazaribagh	1	--	17	17	--	--	1	14	--	--	1	1	--	--	--	--
Bokaro	6	19	695	695	--	28	2	65	50	7	6	537	--	--	5971	17990
TOTAL:JHARKHAND	7	19	712	712	--	28	3	79	50	7	7	538	--	--	5971	17990
MADHYA PRADESH																
Shahdol	3	41	1091	1090	1	139	18	5	5	12	9	903	--	--	361369	1431522
PONDICHERRY																
Karaikal	2	155	743	743	--	7	--	148	122	19	--	447	236505	10747200	1255114	12461500
RAJASTHAN																
Barmer	7	--	3272	3272	--	31	2	80	182	--	6	2971	11152879	381232276	520885	2524055
Jaisalmer	2	--	55	55	--	18	3	--	12	--	9	13	--	--	30450	94441
Jodhpur	1	--	2	2	--	--	--	--	--	--	--	2	--	--	--	--
TOTAL:RAJASTHAN	10	--	3329	3329	--	49	5	80	194	--	15	2986	11152879	381232276	551335	2618496
TAMIL NADU																
Thanjavur	1	291	463	463	--	4	--	166	--	--	--	293	249076	10044600	1246759	8923800
Cuddalore	1	42	50	50	--	5	1	17	--	--	--	27	--	--	--	--
NAGAPATTINAM	1	--	83	83	--	8	2	--	14	--	1	58	3907	171758	73141	512804
OFFSHORE	1	124	142	136	6	6	16	--	88	--	--	32	97957	3578977	--	--
TOTAL:TAMIL NADU	4	457	738	732	6	23	19	183	102	--	1	410	350940	13795335	1319900	9436604

STATEMENT NO. 1.5(CONT...)

STATE/DISTRICT	MINES SUBMI-TTING RETURNS	AVERAGE DAILY EMPLOYMENT											OIL		GAS	
		CONTRACT	TOTAL	MEN	WOMEN	SUPER-VISORS	CLERKS	DRILL-ING	PRODU-CTION	WORK-SHOP	FIRE-SERVICE	OTHERS	Output Tonnes	Value '000 Rs.	Output '000 CM	Value '000 Rs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
TRIPURA																
West Tripura	2	--	223	223	--	87	--	39	67	--	7	23	--	--	1113410	6682700
WEST BENGAL																
Birbhum	1	195	298	298	--	7	2	75	9	8	6	191	--	--	863091	4244596
Burdwan	2	1726	1759	1759	--	240	241	259	147	--	3	869	--	--	29016	143628
Midnapore	1	--	44	44	--	1	--	36	--	--	1	6	--	--	--	--
TOTAL:WEST BENGAL	4	1921	2101	2101	--	248	243	370	156	8	10	1066	--	--	892107	4388224
TOTAL: OIL	92	8640	24815	24711	104	4706	609	1874	3507	246	118	13755	22886245	544442797	13888391	80593837

STATEMENT NO. 1.6

CLASSIFICATION OF NON-COAL MINES BY SIZE OF THEIR OVERALL AGERAGE DAILY EMPLOYMENT DURING THE YEAR 2014

SL. NO.	MINERAL	NUMBER OF MINES EMPLOYING PERSONS											
		UPTO 20	21 TO 50	51 TO 100	100 TO 150	151 TO 250	251 TO 400	401 TO 500	501 TO 800	801 TO 1200	1201 TO 1600	ABOVE 1600	TOTAL
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	Oil	17	16	13	5	10	11	7	6	4	--	3	92
2.	APATITE & ROCK PHOSPHA	1	3	2	2	3	--	--	--	--	--	--	11
3.	BARYTES	3	2	--	--	--	--	--	1	--	--	--	6
4.	BAUXITE	46	33	11	7	8	1	--	1	1	--	--	108
5.	CALCITE	1	--	1	--	--	1	--	--	--	--	--	3
6.	CHINA CLAY,CLAY,WHITE-	65	24	8	2	--	1	--	--	--	--	--	100
7.	CHROMITE	6	3	3	1	2	6	1	4	--	2	2	29
8.	COPPER	--	1	--	--	--	1	1	1	1	1	--	6
9.	DIAMOND	--	--	1	--	--	--	--	--	--	--	--	1
10.	DOLOMITE	14	12	4	3	3	3	--	--	--	--	--	39
11.	EMERALD	1	--	--	--	--	--	--	--	--	--	--	1
12.	FELSPAR	7	4	1	--	--	--	--	--	--	--	--	12
13.	FIRE-CLAY	22	8	--	--	--	--	--	--	--	--	--	30
14.	FLUORITE	--	1	1	--	--	--	--	--	--	--	--	2
15.	GALENA & SPHALARITE	--	1	1	1	5	1	--	2	--	1	1	13
16.	GARNET	1	5	--	--	--	--	--	--	1	--	--	7
17.	GOLD	--	1	1	--	3	--	--	--	--	--	0	6
18.	GRANITE	84	126	29	16	3	5	2	1	--	--	--	266
19.	GRAPHITE	9	4	1	--	--	--	--	--	--	--	--	14
20.	GYPSUM	35	4	--	--	--	--	--	--	--	--	--	39
21.	IRON	107	93	56	27	32	17	9	12	8	5	5	367
22.	KYANITE	5	1	--	--	--	--	--	--	--	--	--	6
23.	LATERITE	4	2	--	2	--	--	--	--	--	--	--	8
24.	LIMESTONE	206	168	118	33	26	6	4	1	2	--	0	565
25.	MAGNESITE	3	2	4	2	2	1	--	--	1	--	--	15
26.	MANGANESE	44	45	18	7	5	7	4	2	4	1	1	139
27.	MARBLE	5	10	2	--	4	--	--	1	--	--	--	22
28.	MICA	22	10	1	--	--	--	--	--	--	--	--	33
29.	OCHRE	3	--	--	--	--	--	--	--	--	--	--	3
30.	QUARTZ	15	17	6	--	--	--	--	--	--	--	--	38
31.	SALT	1	--	--	--	--	--	--	--	--	--	--	1
32.	SANDSTONE	1	2	--	--	--	1	--	1	--	--	--	5
33.	SELENITE	3	--	--	--	--	--	--	--	--	--	--	3
34.	SILICA	22	12	8	1	4	3	--	--	--	--	--	50
35.	SILLIMANITE	1	2	--	--	--	3	2	--	1	--	--	9
36.	SLATE	--	--	2	--	--	--	--	--	--	--	--	2
37.	STEATITE	32	39	16	1	7	2	--	--	--	--	--	97
38.	STONE	92	64	21	4	6	4	--	--	--	--	--	191
39.	VERMICULITE	2	1	--	--	--	--	--	--	--	--	--	3
40.	WOLLASTONITE	--	--	--	--	1	2	--	--	--	--	--	3
41.	DUNITE	1	--	--	--	--	--	--	--	--	--	--	1
TOTAL : NON-COAL		881	716	329	114	124	76	30	33	23	10	10	2346

STATEMENT NO. 1.7

CLASSIFICATION OF NON-COAL MINES HAVING WORKING BELOWGROUND BY SIZE OF THEIR OVERALL & BELOWGROUND AGERAGE DAILY EMPLOYMENT DURING THE YEAR 2014

SL. NO.	MINERAL	BELOWGROUND AVERAGE DAILY EMPLOYMENT	OVERALL AVERAGE DAILY EMPLOYMENT							
			UPTO 150	151 TO 400	401 TO 500	501 TO 800	801 TO 1200	1201 TO 1600	ABOVE 1600	TOTAL
1	2	3	4	5	6	7	8	9	10	11
1.	Apatite & Rock Phospha	Upto 50	2	--	--	--	--	--	--	2
		51 - 75	--	1	--	--	--	--	--	1
2.	Barytes	Upto 50	2	--	--	--	--	--	--	2
3.	Chromite	Upto 50	1	--	--	--	--	--	--	1
		51 - 75	--	1	--	--	--	--	--	1
		76 - 150	--	1	--	--	--	--	--	1
		301 - 450	--	--	--	2	--	--	--	2
4.	Copper	Upto 50	1	--	--	--	--	--	--	1
		301 - 450	--	--	1	--	--	--	--	1
		451 - 600	--	--	--	1	--	--	--	1
		Above 600	--	--	--	--	1	1	--	2
5.	Felspar	Upto 50	1	--	--	--	--	--	--	1
6.	Galena & Sphalarite	Upto 50	1	--	--	--	--	--	--	1
		51 - 75	1	--	--	--	--	--	--	1
		76 - 150	--	1	--	--	--	--	--	1
		151 - 300	--	3	--	--	--	--	--	3
		301 - 450	--	--	--	1	--	--	--	1
		451 - 600	--	--	--	1	--	--	--	1
		Above 600	--	--	--	--	--	1	--	1
7.	Gold	Upto 50	2	--	--	--	--	--	--	2
		51 - 75	--	1	--	--	--	--	--	1
		76 - 150	--	1	--	--	--	--	--	1
		Above 600	--	--	--	--	--	--	1	1
8.	Limestone	Upto 50	1	--	--	--	--	--	--	1
9.	Manganese	Upto 50	4	--	--	--	--	--	--	4
		51 - 75	1	--	--	--	--	--	--	1
		76 - 150	--	1	--	--	--	--	--	1
		151 - 300	--	3	2	--	--	--	--	5
		451 - 600	--	--	--	--	--	1	--	1
		Above 600	--	--	--	--	--	--	1	1
10.	Mica	Upto 50	14	--	--	--	--	--	--	14
		51 - 75	1	--	--	--	--	--	--	1
11.	Ochre	Upto 50	1	--	--	--	--	--	--	1
12.	Quartz	Upto 50	1	--	--	--	--	--	--	1
13.	Steatite	Upto 50	5	--	--	--	--	--	--	5
		151 - 300	--	1	--	--	--	--	--	1
	All Mineral	Upto 50	36	--	--	--	--	--	--	36
		51 - 75	3	3	--	--	--	--	--	6
		76 - 150	--	4	--	--	--	--	--	4
		151 - 300	--	7	2	--	--	--	--	9
		301 - 450	--	--	1	3	--	--	--	4
		451 - 600	--	--	--	2	--	1	--	3
		Above 600	--	--	--	--	1	2	2	5
TOTAL : NON-COAL			39	14	3	5	1	3	2	67

STATEMENT NO. 1.8

AVERAGE DAILY EMPLOYMENT, EXPLOSIVES AND MACHINERY USED IN NON-COAL MINES DURING THE YEAR 2014: DGMS FIELD OFFICE WISE

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT				EXPLOSIVES USED (Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
			B/G	O/C	A/G	TOTAL					
1	2	3	4	5	6	7	8	9	10	11	12
1. KODERMA											
Oil	7	--	--	--	736	736	--	--	27786	5850000 (GS)	17550
Limestone	3	--	--	113	39	152	69399	1470	325	540472	217003
Mica	5	2	36	10	22	68	2283	--	40	401057	2463
Quartz	2	--	--	31	7	38	--	--	--	57648	18907
Steatite	2	--	--	15	4	19	2115	--	90	24380	3245
Stone	6	--	--	93	51	144	21385	4986	494	2192946	657843
TOTAL : KODERMA	25	2	36	262	859	1157	95182	6456	28735	--	917011
2. GUWAHATI											
Oil	25	--	--	--	6905	6905	--	--	370247	396589	4228128
										2717791700 (GS)	19791714
Dolomite	1	--	--	--	31	31	--	--	--	Nil	Nil
Limestone	17	--	--	504	165	669	401835	20013	2216	3597837	589085
TOTAL : GUWAHATI	43	--	--	504	7101	7605	401835	20013	372463	--	24608926
3. SITARAMPUR I											
Oil	1	--	--	--	33	33	--	--	4941	Nil	Nil
Stone	1	--	--	9	15	24	1750	--	50	9714	1066
TOTAL : SITARAMPUR I	2	--	--	9	48	57	1750	--	4991	--	1066
4. SITARAMPUR II											
Oil	3	--	--	--	2068	2068	--	--	37307	863091380 (GS)	4244596
Apatite & Rock Phospha	1	--	--	78	24	102	--	392	70	Nil	Nil
China Clay,clay,white-	6	--	--	173	137	310	--	280	2040	92267	55664
										24357 (PR)	7012
Felspar	1	--	--	15	2	17	--	--	--	668	207
										2708 (LM)	1312
Fire-clay	1	--	--	32	2	34	--	--	--	29535	4838
Granite	1	--	--	12	1	13	3188	--	7	Nil	Nil
Limestone	1	--	--	58	--	58	7526	--	23	Nil	Nil
Steatite	Employment,Explosives and Machinery with China Clay,clay,white-clay and Stone									1148720	1660
Stone	21	--	--	447	404	851	162144	5740	4296	2978734	117552
TOTAL : SITARAMPUR II	35	--	--	815	2638	3453	172858	6412	43743	--	4432840
5. SITARAMPUR III											
China Clay,clay,white-	3	--	--	98	330	428	--	--	552	75165	7742
										52776 (PR)	9915
Sandstone	1	--	--	24	7	31	--	--	22	11254	2251
Steatite	1	--	--	22	1	23	930	--	40	Nil	Nil
Stone	90	--	--	999	1048	2047	253065	1611	4270	12425879	730862
										103807 (PR)	3065
TOTAL : SITARAMPUR III	95	--	--	1143	1386	2529	253995	1611	4884	--	753836
6. AHMEDABAD											
Oil	24	--	--	--	4788	4788	--	--	170389	25994	495718
										260862017 (GS)	787801
Bauxite	25	--	--	465	31	496	42757	5260	411	1564420	700178
										163271 (PR)	35349
China Clay,clay,white-	19	--	--	232	53	285	--	875	178	88784	18804
										16985 (PR)	8713
Fire-clay	2	--	--	36	--	36	--	--	--	7550	755
Limestone	50	--	--	1930	183	2113	1269381	77794	2131	37043617	4426040
										27450 (PR)	1799
Marble	Employment,Explosives and Machinery with Limestone									1247505	310223
Stone	1	--	--	28	29	57	11770	--	250	101719	10172
TOTAL : AHMEDABAD	121	--	--	2691	5084	7775	1323908	83929	173359	--	6795552

STATEMENT NO. 1.8(CONT..)

AVERAGE DAILY EMPLOYMENT, EXPLOSIVES AND MACHINERY USED IN NON-COAL MINES DURING THE YEAR 2014: DGMS FIELD OFFICE WISE

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT B/G	O/C	A/G	TOTAL	EXPLOSIVES USED (Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
1	2	3	4	5	6	7	8	9	10	11	12
7. SURAT											
Oil	3	--	--	--	207	--	--	--			
Apatite & Rock Phospha	1	--	--	115	9	124	10400	--	--	49429	21546
China Clay,clay,white-	5	--	--	90	--	90	--	--	--	82320	9435
Fluorite	1	--	--	23	3	26	--	1050	520	Nil	Nil
Manganese	3	--	--	298	85	383	54700	1996	--	109786	338281
Ochre	1	--	--	16	--	16	--	--	--	592	59
Stone	1	--	--	20	78	98	48179	1474	390	55788	7197
TOTAL : SURAT	15	--	--	562	382	944	113279	4520	4701	--	376518
8. UDAIPUR											
Oil	2	--	--	--	2320	2320	--	--	25692	193085	3951121
										8830000 (GS)	53035
Apatite & Rock Phospha	4	--	--	212	208	420	410712	5468	13633	670675	509507
Barytes	1	--	--	11	6	17	555	250	--	5820	2619
Calcite	2	--	--	39	27	66	11498	1826	40	47833	19977
China Clay,clay,white-	4	--	--	37	27	64	--	50	203	99745	46556
										5534 (PR)	9131
Dolomite	Employment,Explosives and Machinery with Steatite									23442	82047
Galena & Sphalarite	9	6	2417	--	1080	3497	2465448	--	54680	7528535	3883555
Limestone	21	--	--	1043	447	1490	11794212	123603	49913	38696258	4528241
Marble	13	--	--	1374	338	1712	16252	35705	14552	2657913	3033801
Quartz	Employment,Explosives and Machinery with Steatite and Marble									21275	10036
Steatite	30	3	269	1265	425	1959	700500	14501	2702	666361	900053
Stone	2	--	--	50	23	73	1808	--	260	149225	18489
Wollastonite	3	--	--	628	225	853	136024	7159	380	222468	216687
TOTAL : UDAIPUR	91	9	2686	4659	5126	12471	15537009	188562	162055	--	17264858
9. AJMER											
Oil	10	--	--	--	3329	3329	--	--	115903	22632000 (GS)	90528
Calcite	1	--	--	297	98	395	61384	1128	148	93695	58317
China Clay,clay,white-	28	--	--	361	93	454	456	5650	8	1232724	518653
Copper	2	2	1490	--	532	2022	901783	1070	24739	555617	1010319
Felspar	Employment,Explosives and Machinery with Fire-clay and Mica									21638	5751
Fire-clay	11	--	--	145	12	157	--	--	--	425427	46033
Galena & Sphalarite	3	2	187	890	1131	2208	2128257	21734	106096	4817159	10428542
Gypsum	36	--	--	134	85	219	--	1300	--	2964098	2602615
Iron	2	--	--	478	355	833	1234499	4750	30661	4668147	1016
										47620 (LM)	36005
										181932 (PR)	185365
Limestone	29	--	--	1630	533	2163	7721801	42996	9318	32487992	3609329
										2529293 (FN)	1214061
Marble	5	--	--	101	42	143	3343	2310	55	144400	104457
Mica	2	--	--	12	--	12	--	5	--	4351	1049
Quartz	3	--	--	77	17	94	5365	--	--	15189	3214
										186627 (PR)	349067
Sandstone	1	--	--	261	19	280	38315	3638	284	71118	146100
Selenite	3	--	--	4	6	10	--	--	--	Nil	Nil
Silica	5	--	--	129	316	445	31379	4620	1625	40345	16014
										195476 (PR)	77772
Steatite	13	--	--	573	47	620	223926	13112	556	417260	126963
Stone	3	--	--	115	100	215	26400	550	--	252519	53961
TOTAL : AJMER	157	4	1677	5207	6715	13599	12376908	102858	289398	--	20685131

STATEMENT NO. 1.8(CONT..)

AVERAGE DAILY EMPLOYMENT, EXPLOSIVES AND MACHINERY USED IN NON-COAL MINES DURING THE YEAR 2014: DGMS FIELD OFFICE WISE

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT B/G	O/C	A/G	TOTAL	EXPLOSIVES USED (Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
1	2	3	4	5	6	7	8	9	10	11	12
10. GWALIOR											
Apatite & Rock Phospha	1	--	--	39	3	42	4775	--	--	11004	21556
Bauxite	5	--	--	246	21	267	2312	--	--	2602	1342
										16597 (PR)	4171
Granite	4	--	--	293	129	422	11019	11007	1620	13596	202500
Laterite	1	--	--	112	21	133	152575	6680	1062	1720177	276782
Limestone	59	--	--	4536	494	5030	1210832	77515	19773	34571314	7200322
										48461 (PR)	3595
Steatite	6	--	--	413	26	439	13706	50	--	57401	48108
Stone	1	--	--	146	--	146	50	--	40	4684546	427746
TOTAL : GWALIOR	77	--	--	5785	694	6479	1395269	95252	22495	--	8186122
11. GHAZIABAD											
Apatite & Rock Phospha	3	2	67	--	229	296	580	--	2317	Nil	Nil
Barytes	1	1	16	--	--	16	103	--	--	588	882
China Clay,clay,white-	2	--	--	50	16	66	--	--	--	86592	4661
Gold	1	1	7	--	15	22	45	--	3	Nil	Nil
Gypsum	3	--	--	95	9	104	7276	--	--	65816	29501
Limestone	39	--	--	1118	186	1304	1974439	62710	3833	15494069	1933687
										18577 (PR)	3674
Magnesite	1	--	--	124	53	177	27616	--	--	Nil	Nil
Marble	1	--	--	10	4	14	--	--	170	18127	17708
Salt	1	--	--	--	12	12	--	--	7	Nil	Nil
Sandstone	1	--	--	16	--	16	--	400	--	226986	8371
Silica	15	--	--	1522	407	1929	501772	1607	1003	9417552	1628433
										347116 (PR)	49533
Slate	2	--	--	179	6	185	--	--	--	40961	39296
Steatite	31	--	--	1214	135	1349	--	--	--	3124780	1629860
										12700 (PR)	7620
Stone	23	--	--	2117	207	2324	1224080	20156	1620	11240872	817185
										6639167 (PR)	464322
TOTAL : GHAZIABAD	124	4	90	6445	1288	7823	3735911	84873	8953	--	6634734
12. VARANASI											
Dolomite	Employment,Explosives and Machinery with Limestone									Nil	Nil
Limestone	4	1	1	166	39	206	1313780	24398	342	7873065	962673
Sandstone	1	--	--	36	2	38	19443	1632	--	404715	96753
Silica	1	--	--	2	1	3	--	--	--	Nil	Nil
Steatite	2	--	--	91	6	97	9497	770	43	104230	75244
										63433 (PR)	39568
TOTAL : VARANASI	8	1	1	295	48	344	1342720	26800	385	--	1174239
13. GOA											
Bauxite	23	--	--	498	77	575	196085	13125	1896	3641842	929285
										320028 (PR)	59205
Dolomite	2	--	--	37	9	46	247	--	--	23506	11325
Granite	7	--	--	565	86	651	43511	10226	6869	129503	643327
Iron	100	--	--	3477	1635	5112	313560	247754	45613	13918819	8653012
										3803680 (FN)	951141
										947554 (LM)	1227041
										3118695 (PR)	2431747
Laterite	1	--	--	109	7	116	--	--	235	147850 (PR)	25534
Limestone	7	--	--	94	23	117	21004	1991	100	222079	41201
Manganese	14	--	--	397	61	458	40	5212	1095	1845112	1838881
										43367 (PR)	68352

AVERAGE DAILY EMPLOYMENT, EXPLOSIVES AND MACHINERY USED IN NON-COAL MINES DURING THE YEAR 2014: DGMS FIELD OFFICE WISE

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT B/G	O/C	A/G	TOTAL	EXPLOSIVES USED (Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
1	2	3	4	5	6	7	8	9	10	11	12
Silica	10	--	--	197	108	305	894	200	1654	380917	94794
										48162 (PR)	24201
Stone	20	--	--	552	111	663	4044877	20418	1732	1314299	237009
TOTAL : GOA	184	--	--	5926	2168	8094	4620218	298926	59194	--	17236055
14. HYDERABAD I											
Oil	7	--	--	--	1840	1840	--	--	142499	Nil	Nil
Apatite & Rock Phospha	1	1	27	--	12	39	2158	--	60	3765	7831
Barytes	1	--	--	29	3	32	100	--	--	5325	2130
China Clay,clay,white-	4	--	--	45	3	48	--	--	12	29430	35812
										36910 (PR)	34
Dolomite	1	--	--	54	91	145	185500	--	2184	506369	335200
Fire-clay	2	--	--	30	--	30	--	--	--	11100	1191
Garnet	2	--	--	38	38	76	--	--	--	156329	14902
Granite	14	--	--	452	62	514	424124	2870	333	70347	488669
										8511 (PR)	14344
Laterite	3	--	--	46	5	51	--	2242	--	1435987	3674
Limestone	10	--	--	357	220	577	1073843	32504	4156	25883368	5111936
Manganese	29	--	--	1096	84	1180	24184	3383	992	351550	510574
										2529 (PR)	12643
Quartz	3	--	--	39	--	39	--	--	--	4425	714
										3995 (PR)	654
Sandstone	1	--	--	175	347	522	--	--	10894	94688 (PR)	850387
TOTAL : HYDERABAD I	78	1	27	2361	2705	5093	1709909	40999	161130	--	7390695
15. NELLORE SUB-											
Felspar	3	--	--	83	9	92	42883	--	150	449594	95685
										23820 (PR)	40613
Limestone	1	--	--	20	23	43	583254	3476	434	1290167	205137
Mica	7	5	92	27	59	178	7865	125	798	789925	14947
Quartz	3	--	--	42	32	74	4407	--	10	20600	11124
										945 (PR)	280
Silica	1	--	--	20	--	20	--	--	--	61110	2464
Stone	1	--	--	48	2	50	--	--	--	6301	1385
Vermiculite	1	--	--	16	4	20	--	--	--	6353	635
TOTAL : NELLORE SUB-	17	5	92	256	129	477	638409	3601	1392	--	372270
16. HYDERABAD II											
Felspar	3	--	--	47	6	53	4039	--	--	31879	8496
Galena & Sphalarite	1	1	10	--	30	40	--	--	215	1079	811
Granite	3	--	--	47	2	49	2310	--	--	2194	14623
Limestone	43	--	--	2067	1425	3492	5911662	76574	13997	38135290	5249512
Quartz	9	--	--	176	15	191	13626	1918	10	288064	85234
Stone	3	--	--	57	4	61	2243	--	--	24682	5195
TOTAL : HYDERABAD II	62	1	10	2394	1482	3886	5933890	78570	14222	--	5363870
17. NELLORE SUB-											
Barytes	3	1	9	345	339	693	427	2144	3720	1091781	3427674
China Clay,clay,white-	3	--	--	101	1	102	--	--	--	75570	8376
Felspar	2	1	24	21	6	51	1094	--	14	263110	9378
										7232 (PR)	12448
Granite	94	--	--	4478	1741	6219	754121	97195	21634	1688452	19391403
										31478 (PR)	322391
Iron	1	--	--	5	--	5	--	--	--	Nil	Nil
Limestone	23	--	--	993	196	1189	3181061	123885	44307	89196453	26646179
Mica	17	7	125	98	73	296	26424	113	1527	2000533	34881
Quartz	1	--	--	9	--	9	--	--	--	19126	5234

STATEMENT NO. 1.8(CONT..)

AVERAGE DAILY EMPLOYMENT, EXPLOSIVES AND MACHINERY USED IN NON-COAL MINES DURING THE YEAR 2014: DGMS FIELD OFFICE WISE

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT				EXPLOSIVES USED (Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
			B/G	O/C	A/G	TOTAL					
1	2	3	4	5	6	7	8	9	10	11	12
Silica	7	--	87	--	--	87	--	--	--	123223	36832
Vermiculite	1	--	--	5	10	15	--	--	--	3200	352
TOTAL : NELLORE SUB-	152	9	158	6142	2366	8666	3963127	223337	71202	--	49895148
18. RAIGARH											
Dolomite	5	--	--	193	23	216	39212	--	90	366534	121812
Limestone	2	--	--	156	9	165	433772	--	428	2249963	377481
TOTAL : RAIGARH	7	--	--	349	32	381	472984	--	518	--	499293
19. BHUBANESWAR											
Bauxite	3	--	--	364	464	828	1582434	12345	--	7155768	3476736
Chromite	25	4	805	3577	5913	10295	511223	96223	26416	1776578	8394514
										246471 (FN)	289742
										115911 (LM)	620516
										892652 (PR)	3363271
Emerald	1	--	--	--	1	1	--	--	--	Nil	Nil
Fire-clay	6	--	--	114	16	130	--	--	5	18559	4973
Granite	1	--	--	26	4	30	496	1290	235	6002	31361
Graphite	10	--	--	212	16	228	--	200	30	24353	13387
Iron	46	--	--	5018	6747	11765	5893115	147015	118320	39737457	26144175
										8130687 (FN)	9504896
										7638526 (LM)	9334803
										6340108 (PR)	10576538
Limestone	6	--	--	515	203	718	523733	22956	3075	1895917	699593
Manganese	11	--	--	1467	2190	3657	352360	127169	315	355912	741987
Quartz	5	--	--	170	10	180	5612	--	--	15386	5037
										14558 (PR)	17834
Sillimanite	2	--	--	244	1222	1466	--	10200	7100	24179	193529
										225173 (PR)	245104
Stone	1	--	--	10	5	15	185	--	--	24106	10788
TOTAL : BHUBANESWAR	117	4	805	11717	16791	29313	8869158	302988	155496	--	73668786
20. CHAIBASA											
Bauxite	2	--	--	7	3	10	--	--	--	Nil	Nil
China Clay,clay,white-	7	--	--	86	114	200	--	139	187	42122	16063
										16386 (PR)	6839
Copper	3	3	921	--	404	1325	169721	--	10327	308850	338039
Dolomite	3	--	--	110	162	272	44212	4792	700	261994	92294
										74115 (PR)	59565
Fire-clay	1	--	--	20	--	20	--	--	--	6360	1049
Gold	1	1	36	--	16	52	8700	--	69	5052	22367
Graphite	1	--	--	17	--	17	--	--	--	2645	714
Iron	85	--	--	9072	10708	19780	4982410	241004	145794	38977730	37708241
										14094623 (FN)	19336432
										6275606 (LM)	7365614
										11318448 (PR)	11262346
Kyanite	1	--	--	9	--	9	--	--	--	Nil	Nil
Limestone	21	--	--	2043	942	2985	1428879	31257	14841	5151676	1122263
Magnesite	1	--	--	47	10	57	29	--	--	18551	12986
Manganese	30	--	--	1202	940	2142	184657	21693	1010	541531	554560
										549992 (PR)	1058069
Quartz	4	1	18	67	18	103	8050	45	69	15613	40442
Steatite	2	--	--	25	12	37	2617	195	3	11787	177
Stone	1	--	--	27	--	27	6703	500	--	116946 (PR)	39096
TOTAL : CHAIBASA	163	5	975	12732	13329	27036	6835978	299625	173000	--	79037155

AVERAGE DAILY EMPLOYMENT, EXPLOSIVES AND MACHINERY USED IN NON-COAL MINES DURING THE YEAR 2014: DGMS FIELD OFFICE WISE

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT B/G	O/C	A/G	TOTAL	EXPLOSIVES USED (Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
1	2	3	4	5	6	7	8	9	10	11	12
21. RAIGARH											
Bauxite	10	--	--	943	90	1033	68775	7507	550	710053	694340
Quartz	2	--	--	125	7	132	7066	--	--	29912	4677
TOTAL : RAIGARH	12	--	--	1068	97	1165	75841	7507	550	--	699016
22. RANCHI											
Bauxite	16	--	--	1483	280	1763	578449	16110	522	2578691	1327801
Dolomite	1	--	--	139	35	174	57950	10620	--	169519	144691
Graphite	2	--	--	35	--	35	--	--	10	3515	23
Limestone	7	--	--	147	230	377	8321	--	--	36808	6562
										38767 (PR)	6059
Mica	2	1	15	--	10	25	246	--	20	19354	71
Stone	1	--	--	15	1	16	493	--	--	1080	54
TOTAL : RANCHI	29	1	15	1819	556	2390	645459	26730	552	--	1485260
23. RAMGARH SUB-											
Oil	1	--	--	--	17	17	--	--	--	Nil	Nil
Bauxite	6	--	--	371	29	400	69597	1941	--	358230	125960
Limestone	2	--	--	24	12	36	2236	210	--	51410	13458
TOTAL : RAMGARH SUB-	9	--	--	395	58	453	71833	2151	--	--	139418
24. BANGALURU											
Bauxite	3	--	--	24	14	38	44	--	--	285103	85968
China Clay,clay,white-	16	--	--	231	443	674	--	88	1597	529462	96986
										2225 (FN)	16997
										25860 (PR)	7229
Chromite	4	1	66	60	128	254	637	342	360	5268	15055
Dolomite	Employment,Explosives and Machinery with Limestone									52000	48822
Felspar	3	--	--	19	9	28	--	--	--	592	301
Granite	57	--	--	1403	198	1601	266673	15936	1477	1928170	3295036
										756 (FN)	300
										3144 (LM)	562
										314500 (PR)	2316103
Iron	24	--	--	1418	197	1615	2714	46857	4228	6756928	3389191
										487807 (FN)	540848
										107410 (LM)	132915
										85340 (PR)	23469
Laterite	2	--	--	10	4	14	--	--	--	8000	1562
Limestone	20	--	--	782	340	1122	1910588	33186	9382	6816426	978128
										598661 (PR)	59866
Magnesite	13	--	--	2024	80	2104	193104	16503	819	480640	1431047
										77028 (PR)	21752
Manganese	9	--	--	166	39	205	1225	1525	109	303144	196517
										3570 (PR)	491
Quartz	3	--	--	89	2	91	1053	--	--	4139	4681
										4343 (PR)	9996
Silica	8	--	--	37	2	39	--	--	--	62620	52375
Sillimanite	1	--	--	13	366	379	--	--	4100	139258	358145
Stone	3	--	--	61	7	68	59341	1118	--	167037	59001
Dunite	1	--	--	2	--	2	--	--	--	42527	6241
TOTAL : BANGALURU	167	1	66	6339	1829	8234	2435379	115555	22072	--	13149585
25. BELLARY											
China Clay,clay,white-	2	--	--	32	--	32	270	--	--	23987	1325
Dolomite	12	--	--	342	10	352	70853	--	515	1159797	312990
										5900 (FN)	1180
										24388 (LM)	10975
Gold	4	3	1682	78	1853	3613	364245	2100	1588	726312	3635637
Granite	10	--	--	598	118	716	38836	13598	1203	59496	708663
Iron	88	--	--	4274	1630	5904	2953244	162810	26889	8872435	6371372

STATEMENT NO. 1.8(CONT..)

AVERAGE DAILY EMPLOYMENT, EXPLOSIVES AND MACHINERY USED IN NON-COAL MINES DURING THE YEAR 2014: DGMS FIELD OFFICE WISE

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT B/G	O/C	A/G	TOTAL	EXPLOSIVES USED (Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
1	2	3	4	5	6	7	8	9	10	11	12
										9498081 (FN)	17404560
										4406565 (LM)	14346699
										6314098 (PR)	8944492
Limestone	61	--	--	1082	450	1532	4580892	85512	18617	22329287	2477002
Manganese	7	--	--	810	916	1726	104222	1964	367	157214	379644
										12000 (LM)	2640
										151415 (PR)	405299
Ochre	1	--	--	8	--	8	--	--	--	7685	1921
Steatite	10	3	27	105	39	171	7245	350	466	71652	19257
TOTAL : BELLARY	195	6	1709	7329	5016	14054	8119807	266334	49645	--	55023654
26. CHENNAI											
Oil	6	--	--	--	1481	1481	--	--	81008	347033	13623577
										1246759060 (GS)	8923800
China Clay,clay,white-	1	--	--	11	3	14	--	--	5	25760	3916
Fire-clay	4	--	--	86	--	86	--	--	--	28639	9532
Garnet	5	--	--	1102	20	1122	--	--	--	702102	649722
Granite	75	--	--	2203	381	2584	649342	24732	2667	211039	2057069
										2635 (PR)	12947
Graphite	1	--	--	41	3	44	36550	--	--	60228	30667
Limestone	61	--	--	1653	254	1907	4207315	90336	10217	25078955	4822325
Quartz	3	--	--	141	--	141	3614	--	--	4787	1621
Silica	3	--	--	40	10	50	--	--	--	8921	3128
Sillimanite	2	--	--	416	318	734	--	--	--	170424	361787
Stone	11	--	--	463	94	557	239775	4800	599	1702661	99736
Vermiculite	1	--	--	15	9	24	--	--	--	2323	4576
TOTAL : CHENNAI	173	--	--	6171	2573	8744	5136596	119868	94496	--	30604401
27. BELLARY SUB-											
Limestone	1	--	--	4	15	19	1020	--	55	5967	424
28. BILASPUR											
Bauxite	3	--	--	619	36	655	393395	5717	--	1042418	704166
										113515 (PR)	13668
Dolomite	6	--	--	627	517	1144	1074570	13385	3351	2602663	949367
Iron	12	--	--	2620	2501	5121	5487161	121292	34867	6239005	4203106
										14232036 (FN)	33479840
										7447753 (LM)	20136843
Limestone	18	--	--	924	269	1193	5449338	75986	32085	36124569	4872375
TOTAL : BILASPUR	39	--	--	4790	3323	8113	12404464	216380	70303	--	64359366
29. JABALPUR											
Oil	3	--	--	--	1091	1091	--	--	2174	357854083 (GS)	1431416
Bauxite	12	--	--	534	38	572	5782	959	--	532886	185814
China Clay,clay,white-	Employment,Explosives and Machinery with Limestone									294575	98564
Diamond	1	--	--	26	66	92	114200	--	2258	37325	6282720
Dolomite	3	--	--	69	10	79	6422	--	--	42464	46908
Fire-clay	3	--	--	58	4	62	--	--	--	35318	2029
Iron	6	--	--	59	84	143	--	5214	160	231114	81183
										630001 (FN)	426491
										160593 (LM)	90005
Laterite	1	--	--	40	1	41	--	--	--	21750	653
Limestone	46	--	--	3073	922	3995	7252888	124005	29536	40761886	7201704
Marble	3	--	--	62	29	91	8051	3833	1596	24856	7203
Ochre	1	1	14	--	5	19	--	--	--	970	78
TOTAL : JABALPUR	79	1	14	3921	2250	6185	7387343	134011	35724	--	15854765

STATEMENT NO. 1.8(CONT..)

AVERAGE DAILY EMPLOYMENT, EXPLOSIVES AND MACHINERY USED IN NON-COAL MINES DURING THE YEAR 2014: DGMS FIELD OFFICE WISE

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT				EXPLOSIVES USED (Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
			B/G	O/C	A/G	TOTAL					
1	2	3	4	5	6	7	8	9	10	11	12
30. NAGPUR I											
Copper	1	--	--	218	125	343	2967676	--	5672	2483954	2406951
Dolomite	2	--	--	242	8	250	893	--	39	5397	1911
Iron	1	--	--	36	11	47	--	--	--	10110	3340
Kyanite	5	--	--	72	3	75	--	--	--	6755	1598
Manganese	32	12	2819	2947	3278	9044	1611757	31312	26350	1691481	6509618
										470059 (PR)	2542218
Sillimanite	4	--	--	318	34	352	2600	3080	1675	7510	2040
										1081 (LM)	6486
										48513 (PR)	359106
Stone	1	--	--	21	35	56	1021	--	30	16578	1409
TOTAL : NAGPUR I	46	12	2819	3854	3494	10167	4583947	34392	33766	--	11834677
31. PARASIA SUB-											
Dolomite	1	--	--	5	--	5	--	--	--	11165	761
Limestone	1	--	--	35	31	66	215955	1845	503	781753	217280
Manganese	4	1	1	31	15	47	--	75	60	2060	5695
										266 (PR)	585
TOTAL : PARASIA SUB-	6	1	1	71	46	118	215955	1920	563	--	224322
32. NAGPUR II											
Dolomite	2	--	--	25	11	36	1575	744	82	81209	20302
										91895 (PR)	21758
Fluorite	1	--	--	48	7	55	92	--	--	3095 (LM)	1832
Iron	2	--	--	181	6	187	17151	390	--	250609	56387
Limestone	12	--	--	580	174	754	2190089	29981	27033	9335405	1342229
										13105 (PR)	2922
TOTAL : NAGPUR II	17	--	--	834	198	1032	2208907	31115	27115	--	1445431
TOTAL : ALL INDIA	2346	67	11181	106849	89826	207856	113080848	2825295	2087157	--	520114425

* Output of all minerals are shown in tonnes except corrundum, diamond, emerald, mica and garnet. Diamond and emerald are in carats and grams respectively. Corrundum, mica and garnet are in kilograms. Output of Gas is given in '000 CuM.
PR : Processed, FN : Fine, AB : Abrasive, PL : Pallets, LM : Lumps, GE : Gems., GS : Gas

STATEMENT NO. 1.9

AVERAGE DAILY EMPLOYMENT, EXPLOSIVES AND MACHINERY USED IN NON-COAL MINES DURING THE YEAR 2014: OWNERWISE

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT				EXPLOSIVES USED (in Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
			B/G	O/C	A/G	TOTAL					
1	2	3	4	5	6	7	8	9	10	11	12
1. BURN STANDARD CO. LTD.											
Magnesite	17	--	--	3015	552	3567	882491	15152	5118	2852113	1121596
2. CANORO RESOURCES LTD											
Oil	1	--	--	--	34	34	--	--	86	14735	281228
										50827000 (GS)	119952
3. CARBORUNDUM UNIVERSAL(P) LTD.											
Bauxite	1	--	--	6	--	6	--	--	--	Nil	Nil
4. HINDUSTAN OIL EXPLORATION COMPANY LIMITED											
Oil	Employment,Explosives and Machinery with Bauxite									5	137
5. GUJARAT STATE PETROLEUM CORPORATION LTD.											
Oil	7	--	--	242	750	992	668051	18439	9381	4519747	1020485
										260739017 (GS)	787432
6. INDIAN RARE EARTHS LTD.											
Garnet	45	4	505	3439	996	4940	3169143	89890	26972	30525079	6107128
Sillimanite	2	--	--	524	864	1388	--	--	--	138775	43714
										225173 (PR)	245104
OWNER TOTAL :	47	4	505	3963	1860	6328	3169143	89890	26972	--	6395947
7. KARANPURA DEV. CO. LTD.											
Limestone	5	--	--	413	51	464	1275179	19067	95	3702399	1008745
8. LARSEN & TOUBRO LTD.											
Oil	1	--	--	--	15	15	--	--	58	4175	79245
										123000 (GS)	369
Limestone	0	--	--	--	--	--	--	--	--	Nil	Nil
Stone	2	--	--	20	28	48	505	--	80	79386	12861
OWNER TOTAL :	3	--	--	20	43	63	505	--	138	--	92476
9. MALABAR CEMENT LTD.											
Limestone	11	--	--	321	215	536	873842	8656	2471	2176935 (PR)	369204
10. MINERAL ORIENTAL LTD.											
Marble	6	--	--	944	613	1557	192856	15840	3532	424132	2380484
11. NORTH BENGAL DOLOMITE CO.											
Dolomite	20	1	66	903	1022	1991	1726913	52510	4552	15493212	17585978
12. OIL & NATURAL GAS CORPORATION LTD.											
Oil	49	--	--	--	14376	14376	--	--	695044	1241335	28830602
										2675497341 (GS)	12990377
13. OIL INDIA LTD.											
Oil	8	--	--	--	2925	2925	--	--	94883	Nil	Nil
										2454632000 (GS)	19039862
14. PYRITES PHOSPHATES & CHEMICALS LTD.											
Apatite & Rock Phospha	14	2	67	1559	830	2456	149849	2721	2575	1909877	3502816
15. RAJASTHAN STATE MINERAL DEV. CORPN. LTD.											
Apatite & Rock Phospha	3	--	--	86	14	100	4275	410	--	30770	6691
Limestone	1	--	--	44	3	47	2995	--	--	106485	13311
OWNER TOTAL :	4	--	--	130	17	147	7270	410	--	--	20001

STATEMENT NO. 1.9(CONT…)

REGION / MINERAL	NO.OF MINES SUBMITTING RETURNS	NO.OF B/G MINES	AVERAGE DAILY EMPLOYMENT B/G	O/C	A/G	TOTAL	EXPLOSIVES USED (in Kg)	H.E.M.M. H.P. USED	ELECTRICAL H.P. USED	OUTPUT * IN TONNES	VALUE IN '000 RS.
1	2	3	4	5	6	7	8	9	10	11	12
16. RELIANCE INDUSSTRIES LIMITED											
Oil	3	--	--	--	1114	1114	--	--	2711	Nil	Nil
										357854083 (GS)	1431416
17. S.K.SARAWAGI & CO. PVT. LTD.											
Manganese	11	--	--	796	171	967	1363052	12293	4067	3391885	1555476
18. S.N.SUNDERSON & CO.											
Limestone	2	--	--	35	3	38	--	--	40	13184	923
19. SHANKARLAL GANGARAM THAKKAR											
China Clay,clay,white-	10	--	--	172	--	172	--	--	--	106157	11819
20. TATA IRON & STEEL CO. LTD.											
Chromite	Employment,Explosives and Machinery with China Clay,clay,white-clay									1125170	3023219
										115582 (LM)	620435
										Nil	Nil
Dolomite	Employment,Explosives and Machinery with Chromite									Nil	Nil
Iron	Employment,Explosives and Machinery with Dolomite									568188	3623958
										Nil	Nil
										Nil	Nil
Limestone	Employment,Explosives and Machinery with Iron									1846981	37798
Magnesite	Employment,Explosives and Machinery with Limestone									10686	10106
										75046 (PR)	21137
Manganese	Employment,Explosives and Machinery with Magnesite									Nil	Nil
OWNER TOTAL :	Employment,Explosives and Machinery with Manganese									--	7336654
21. TRAVANCORE CEMENT LTD.											
Limestone	53	--	--	2172	1986	4158	1155388	23388	7624	14190	12615
22. U.P.STATE MINERAL DEV.CORPN.LTD.											
Bauxite	1	--	--	48	7	55	921	--	--	6420 (PR)	1520
23. WEST BENGAL PROJECTS LTD.											
China Clay,clay,white-	2	--	--	109	3	112	--	--	--	5711	1240
TOTAL : ORGANISED SECTOR	283	7	638	14848	29895	45381	11465460	258366	989881	--	105898984
TOTAL : UNORGANISED SECTOR	2063	60	10543	92001	59931	162475	101615388	2566929	1097276	--	981613092
TOTAL : ALL OWNERS	2346	67	11181	106849	89826	207856	113080848	2825295	2087157	--	1087512076

* Output of all minerals are shown in tonnes except corrundum, diamond, emerald, mica and garnet. Diamond and emerald are in carats and grams respectively. Corrundum, mica and garnet are in kilograms. Output of Gas is given in '000 CuM.
PR : Processed, FN : Fine, AB : Abrasive, PL : Pallets, LM : Lumps, GE : Gems., GS : Gas

SECTION – II

MACHINERY

Statement 2.1: Trend in heavy earth moving machinery (HEMM) in metalliferous mines

Year	No. of Mines using HEMM	Electrical shovel		Diesel shovel		Dumper		Dozer		Loader		Tractor		Other		Total	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1986	274	161	30,015	358	85,817	1,590	386,148	355	98,059	189	35,340	138	6,339	305	61,166	3,096	702,884
1987	293	165	32,404	418	104,061	1,784	424,519	391	109,539	240	40,593	141	6,623	224	35,805	3,363	753,544
1988	255	164	32,735	364	91,665	1,748	412,219	336	98,218	234	41,577	116	5,331	338	44,592	3,300	726,337
1989	286	88	32,186	455	112,802	2,391	505,373	374	110,229	214	39,605	108	4,850	396	61,873	4,026	866,918
1990	300	80	28,199	474	116,391	2,263	482,969	359	101,662	205	37,793	108	5,447	581	61,319	4,070	833,780
1991	368	92	31,065	553	134,544	2,744	565,143	433	125,304	279	50,619	134	6,018	511	66,383	4,746	979,076
1992	397	99	34,149	566	140,675	3,067	621,173	425	128,986	393	63,343	144	6,512	495	66,059	5,189	1,060,897
1993	438	92	32,336	697	157,735	3,221	655,247	432	134,858	384	59,323	145	6,757	544	64,773	5,515	1,111,029
1994	479	103	32,054	720	167,153	3,416	714,497	428	134,685	424	65,807	166	7,925	579	63,286	5,836	1,185,407
1995	448	97	29,741	753	173,094	2,814	575,745	425	129,651	399	67,842	146	6,525	384	52,052	5,018	1,034,650
1996	457	68	25,456	841	199,241	3,409	721,196	448	137,723	446	73,975	150	8,557	217	31,681	5,579	1,197,829
1997	470	60	14,909	851	195,589	3,704	666,934	505	134,558	411	68,092	153	14,918	373	47,679	6,057	1,142,679
1998	534	44	16,602	939	209,905	4,286	718,731	505	137,138	476	81,167	137	7,853	263	34,778	6,702	1,215,459
1999	539	63	22,242	965	220,785	3,662	721,443	437	130,834	529	84,961	154	8,676	431	37,895	6,203	1,232,870
2000	588	76	21,245	1,057	243,953	4,050	849,609	456	140,070	583	99,652	127	7,280	358	42,487	6,768	1,415,037
2001	542	86	27,727	1,026	238,131	3,696	769,327	449	132,149	538	91,650	127	8,336	592	59,136	6,571	1,337,737
2002	577	95	30,794	1,107	247,275	3,928	780,702	496	132,744	559	89,645	109	6,314	577	63,855	6,871	1,351,329
2003	589	76	18,304	1,246	291,426	4,364	847,385	522	151,572	597	98,502	110	5,638	463	47,820	7,439	1,471,559
2004	613	68	16,810	1,313	301,366	5,174	971,812	573	159,621	670	108,327	108	7,068	517	64,820	8,502	1,644,411
2005	653	52	19,637	1,452	341,936	5,509	1,053,348	599	176,052	752	128,051	153	8,932	241	43,425	8,832	1,784,635
2006	591	58	26,833	1,577	355,012	5,543	956,079	673	180,693	740	129,002	126	9,931	785	113,845	9,426	1,789,531
2007	614	92	22,677	1,626	364,696	4,926	1,019,791	612	179,403	798	148,087	102	6,040	545	94,144	8,701	1,834,838
2008	705	67	14,344	1,885	415,686	6,514	1,238,077	645	170,986	881	143,205	86	4,985	848	122,335	10,926	2,109,638
2009	773	93	25,421	2,164	493,416	7,549	1,579,620	592	182,521	971	165,252	133	6,839	664	101,507	12,166	2,554,576
2010	812	88	20,782	2,258	511,401	8,370	1,684,690	620	186,712	1,079	186,865	109	5,842	622	97,219	13,146	2,693,511
2011	883	71	17,733	2,369	549,562	9,104	1,7835,96	627	201335	1,197	214,198	108	5,644	1,192	227,116	14,668	2,999,234
2012	943	22	7,043	2,617	613,828	9,2461	1,8606,62	745	225,389	1,215	205,196	83	4,788	840	123,629	14,888	3,062,896
2013	956	58	7,305	2,774	637,280	8,763	1,8093,00	746	229,001	1,357	233,049	91	5,681	736	116,441	14,662	3,064,706
2014	906	43	16,997	2,559	589,298	7,789	1,643074	684	201,771	1,260	204,967	92	5,553	792	145,159	13,328	3,064,706

STATEMENT NO. 2.2

USAGE OF MACHINERY IN ABOVE GROUND IN METALLIFEROUS MINES DURING THE YEAR 2014 : MINERAL-STATEWISE

SL. NO.	MINERAL / STATE	NO.OF MINES USING ELECT. POWER	WINDING		VENTILATION		HAULAGE		PUMPING		MINERAL PLANT	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
1. APATITE & ROCK PHOSPHATE												
	ANDHRA PRADESH	1	--	--	1	20	2	20	4	20	--	--
	RAJASTHAN	2	--	--	--	--	--	--	7	90	1	13543
	UTTARANCHAL	2	--	--	2	75	6	250	3	53	4	1400
	WEST BENGAL	1	--	--	--	--	--	--	2	70	--	--
TOTAL : APATITE & ROCK PHOSPHA		6	--	--	3	95	8	270	16	233	5	14943
2. BARYTES												
	ANDHRA PRADESH	2	--	--	--	--	1	20	14	3525	1	150
3. BAUXITE												
	CHHATTISHGARH	5	--	--	--	--	--	--	--	--	--	--
	GUJARAT	3	--	--	--	--	8	280	5	41	--	--
	JHARKHAND	5	--	--	--	--	3	43	12	292	10	166
	KARNATAKA	1	--	--	--	--	--	--	--	--	1	100
	MAHARASHTRA	3	--	--	--	--	--	--	19	90	2	227
TOTAL : BAUXITE		17	--	--	--	--	11	323	36	423	13	493
4. CALCITE												
	RAJASTHAN	2	--	--	--	--	--	--	6	33	26	115
5. CHINA CLAY,CLAY,WHITE-CLAY												
	ANDHRA PRADESH	1	--	--	--	--	--	--	2	12	--	--
	GUJARAT	5	--	--	1	2	--	--	8	98	11	133
	JHARKHAND	6	--	--	--	--	--	--	20	350	52	354
	KERALA	10	--	--	--	--	--	--	61	360	83	1134
	ORISSA	1	--	--	--	--	--	--	2	20	--	--
	RAJASTHAN	1	--	--	--	--	--	--	1	8	--	--
	TAMIL NADU	1	--	--	--	--	--	--	1	5	--	--
	WEST BENGAL	3	--	--	--	--	--	--	13	995	11	1040
TOTAL : CHINA CLAY,CLAY,WHITE-		28	--	--	1	2	--	--	108	1848	157	2661
6. CHROMITE												
	KARNATAKA	1	2	75	2	10	--	--	2	48	--	--
	ORISSA	17	7	850	6	275	9	365	120	7668	353	12062
TOTAL : CHROMITE		18	9	925	8	285	9	365	122	7716	353	12062

STATEMENT NO. 2.2(CONT…)

SL. NO.	MINERAL / STATE	WORK SHOP		COMPRESSOR		CONVEYORS		OTHERS		TOTAL	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	14	15	16	17	18	19	20	21	22	23
1.	APATITE & ROCK PHOSPHATE										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	7	60
	RAJASTHAN	--	--	--	--	--	--	--	--	8	13633
	UTTARANCHAL	3	9	4	20	--	--	--	--	22	1807
	WEST BENGAL	--	--	--	--	--	--	--	--	2	70
TOTAL :	APATITE & ROCK PHOSPHA	3	9	4	20	--	--	--	--	39	15570
2.	BARYTES										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	16	3695
3.	BAUXITE										
	CHHATTISHGARH	3	330	--	--	--	--	2	220	5	550
	GUJARAT	--	--	1	90	--	--	--	--	14	411
	JHARKHAND	2	6	--	--	--	--	2	15	29	522
	KARNATAKA	--	--	--	--	--	--	--	--	1	100
	MAHARASHTRA	20	1200	--	--	2	79	22	200	65	1796
TOTAL :	BAUXITE	25	1536	1	90	2	79	26	435	114	3379
4.	CALCITE										
	RAJASTHAN	3	40	--	--	--	--	--	--	35	188
5.	CHINA CLAY,CLAY,WHITE-CLAY										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	2	12
	GUJARAT	5	30	--	--	--	--	15	118	40	381
	JHARKHAND	--	--	--	--	--	--	--	--	72	704
	KERALA	9	65	--	--	--	--	10	38	163	1597
	ORISSA	--	--	--	--	--	--	1	15	3	35
	RAJASTHAN	--	--	--	--	--	--	--	--	1	8
	TAMIL NADU	--	--	--	--	--	--	--	--	1	5
	WEST BENGAL	2	5	--	--	--	--	--	--	26	2040
TOTAL :	CHINA CLAY,CLAY,WHITE-	16	100	--	--	--	--	26	171	308	4782
6.	CHROMITE										
	KARNATAKA	4	6	--	--	--	--	1	125	11	264
	ORISSA	40	518	--	--	--	--	27	3140	562	24878
TOTAL :	CHROMITE	44	524	--	--	--	--	28	3265	573	25142

STATEMENT NO. 2.2(CONT…)

SL. NO.	MINERAL / STATE	NO.OF MINES USING ELECT. POWER	WINDING		VENTILATION		HAULAGE		PUMPING		MINERAL PLANT	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
7. COPPER												
	JHARKHAND	2	4	1467	3	505	--	--	8	500	6	105
	MADHYA PRADESH	1	--	--	--	--	--	--	4	1130	--	--
	RAJASTHAN	2	2	5700	7	931	2	240	5	150	--	--
TOTAL : COPPER		5	6	7167	10	1436	2	240	17	1780	6	105
8. DIAMOND												
	MADHYA PRADESH	1	--	--	--	--	--	--	3	268	57	1684
9. DOLOMITE												
	ANDHRA PRADESH	1	--	--	--	--	--	--	2	20	36	495
	CHHATTISHGARH	9	1	10	--	--	--	--	26	719	57	2583
	MAHARASHTRA	2	--	--	--	--	--	--	2	39	7	82
	ORISSA	1	--	--	--	--	--	--	2	200	15	460
	TELANGANA	1	--	--	--	--	1	100	3	275	--	--
TOTAL : DOLOMITE		14	1	10	--	--	1	100	35	1253	115	3620
10. FELSPAR												
	ANDHRA PRADESH	2	--	--	--	--	--	--	4	163	--	--
11. FIRE-CLAY												
	ORISSA	1	--	--	--	--	--	--	1	5	--	--
12. FLUORITE												
	GUJARAT	1	--	--	--	--	--	--	--	--	--	--
13. GALENA & SPHALARITE												
	ANDHRA PRADESH	1	--	--	--	--	--	--	1	30	--	--
	RAJASTHAN	12	7	1881	11	2937	--	--	30	1596	1810	127426
TOTAL : GALENA & SPHALARITE		13	7	1881	11	2937	--	--	31	1626	1810	127426
14. GOLD												
	JHARKHAND	1	--	--	1	10	1	10	1	3	--	--
	KARNATAKA	3	11	605	5	118	--	--	3	75	--	--
TOTAL : GOLD		4	11	605	6	128	1	10	4	78	--	--
15. GRANITE												
	ANDHRA PRADESH	64	4	1175	--	--	11	1370	121	2399	51	5924
	KARNATAKA	9	1	40	1	20	--	--	22	325	6	60
	KERALA	6	--	--	3	1	6	34	17	387	17	264
	ORISSA	1	--	--	--	--	--	--	2	60	--	--
	TELANGANA	6	--	--	--	--	--	--	14	133	--	--
	TAMIL NADU	15	--	--	--	--	2	20	17	209	--	--
	UTTAR PRADESH	3	--	--	--	--	--	--	--	--	--	--
	WEST BENGAL	1	--	--	--	--	--	--	1	7	--	--
TOTAL : GRANITE		105	5	1215	4	21	19	1424	194	3520	74	6248

STATEMENT NO. 2.2(CONT…)

SL. NO.	MINERAL / STATE	WORK SHOP		COMPRESSOR		CONVEYORS		OTHERS		TOTAL	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	14	15	16	17	18	19	20	21	22	23
7.	COPPER										
	JHARKHAND	22	305	8	2000	--	--	4	1870	55	6752
	MADHYA PRADESH	47	743	--	--	--	--	7	3799	58	5672
	RAJASTHAN	21	397	--	--	--	--	45	10516	82	17934
TOTAL :	COPPER	90	1445	8	2000	--	--	56	16185	195	30358
8.	DIAMOND										
	MADHYA PRADESH	9	146	--	--	--	--	4	160	73	2258
9.	DOLOMITE										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	38	515
	CHHATTISHGARH	3	129	--	--	--	--	--	--	87	3441
	MAHARASHTRA	--	--	--	--	--	--	--	--	9	121
	ORISSA	6	40	--	--	--	--	--	--	23	700
	TELANGANA	12	80	--	--	--	--	28	1729	44	2184
TOTAL :	DOLOMITE	21	249	--	--	--	--	28	1729	201	6961
10.	FELSPAR										
	ANDHRA PRADESH	--	--	--	--	--	--	1	1	5	164
11.	FIRE-CLAY										
	ORISSA	--	--	--	--	--	--	--	--	1	5
12.	FLUORITE										
	GUJARAT	--	--	3	520	--	--	--	--	3	520
13.	GALENA & SPHALARITE										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	1	30
	RAJASTHAN	47	648	--	--	--	--	31	6768	1936	141256
TOTAL :	GALENA & SPHALARITE	47	648	--	--	--	--	31	6768	1937	141286
14.	GOLD										
	JHARKHAND	1	1	--	--	--	--	--	--	4	24
	KARNATAKA	6	15	--	--	--	--	2	430	27	1243
TOTAL :	GOLD	7	16	--	--	--	--	2	430	31	1267
15.	GRANITE										
	ANDHRA PRADESH	53	867	20	3132	--	--	169	6712	429	21579
	KARNATAKA	11	72	30	6740	--	--	17	950	88	8207
	KERALA	5	6	--	--	--	--	3	175	51	867
	ORISSA	--	--	--	--	--	--	3	175	5	235
	TELANGANA	--	--	--	--	--	--	2	120	16	253
	TAMIL NADU	--	--	7	590	--	--	24	2458	50	3277
	UTTAR PRADESH	3	540	--	--	--	--	6	1080	9	1620
	WEST BENGAL	--	--	--	--	--	--	--	--	1	7
TOTAL :	GRANITE	72	1485	57	10462	--	--	224	11670	649	36045

STATEMENT NO. 2.2(CONT…)

SL. NO.	MINERAL / STATE	NO.OF MINES USING ELECT. POWER	WINDING		VENTILATION		HAULAGE		PUMPING		MINERAL PLANT	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
16. GRAPHITE												
	JHARKHAND	1	--	--	--	--	--	--	2	10	--	--
	ORISSA	3	--	--	--	--	--	--	5	30	--	--
TOTAL : GRAPHITE		4	--	--	--	--	--	--	7	40	--	--
17. IRON												
	ANDHRA PRADESH	1	--	--	--	--	--	--	1	128	2	220
	CHHATTISHGARH	7	--	--	6	120	--	--	76	12264	241	18471
	GOA	40	--	--	--	--	9	1375	96	12155	208	22057
	JHARKHAND	11	--	--	--	--	--	--	38	5387	614	58913
	KARNATAKA	27	--	--	--	--	32	280	30	3864	155	16760
	MADHYA PRADESH	2	--	--	--	--	--	--	1	80	1	80
	MAHARASHTRA	6	--	--	--	--	40	4800	14	2932	1	101
	ORISSA	48	--	--	37	185	60	8335	233	13596	1431	83203
	RAJASTHAN	2	--	--	--	--	--	--	3	205	437	30456
TOTAL : IRON		144	--	--	43	305	141	14790	492	50611	3090	230261
18. LATERITE												
	KARNATAKA	1	--	--	--	--	--	--	1	5	--	--
	RAJASTHAN	1	--	--	--	--	--	--	3	210	--	--
TOTAL : LATERITE		2	--	--	--	--	--	--	4	215	--	--
19. LIMESTONE												
	ANDAMAN & NICOBAR IS	1	--	--	--	--	--	--	1	23	--	--
	ANDHRA PRADESH	30	--	--	26	72	2	160	75	3424	52	3411
	ASSAM	1	--	--	--	--	--	--	--	--	--	--
	BIHAR	1	--	--	--	--	1	125	1	110	2	90
	CHHATTISHGARH	19	--	--	--	--	10	2579	73	5799	6	8358
	GUJARAT	3	--	--	--	--	--	--	--	--	--	--
	HIMACHAL PRADESH	5	--	--	2	49	1	38	9	454	3	2338
	JHARKHAND	3	--	--	1	60	1	120	10	415	--	--
	KARNATAKA	16	--	--	--	--	2	40	45	14671	9	9907
	KERALA	2	1	10	1	1	--	--	6	15	21	1672
	MEGHALAYA	2	--	--	--	--	3	370	2	20	--	--
	MADHYA PRADESH	29	--	--	9	33	9	773	111	6446	75	16216
	MAHARASHTRA	5	--	--	--	--	4	600	163	15159	39	10759
	ORISSA	11	--	--	--	--	--	--	39	1945	110	8662
	RAJASTHAN	61	--	--	3	17	33	899	138	4604	206	22451
	TELANGANA	30	12	3032	--	--	23	1195	126	5180	1	20
	TAMIL NADU	44	--	--	--	--	8	1148	120	7086	75	2003
TOTAL : LIMESTONE		263	13	3042	42	232	97	8047	919	65351	599	85887
20. MAGNESITE												
	KARNATAKA	2	--	--	--	--	--	--	4	81	9	273
	TAMIL NADU	5	--	--	--	--	--	--	7	155	--	--
TOTAL : MAGNESITE		7	--	--	--	--	--	--	11	236	9	273

STATEMENT NO. 2.2(CONT…)

SL. NO.	MINERAL / STATE	WORK SHOP		COMPRESSOR		CONVEYORS		OTHERS		TOTAL	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	14	15	16	17	18	19	20	21	22	23
16.	GRAPHITE										
	JHARKHAND	--	--	--	--	--	--	--	--	2	10
	ORISSA	--	--	--	--	--	--	--	--	5	30
TOTAL :	GRAPHITE	--	--	--	--	--	--	--	--	7	40
17.	IRON										
	ANDHRA PRADESH	--	--	--	--	--	--	1	76	4	424
	CHHATTISHGARH	139	2269	--	--	--	--	52	1743	514	34867
	GOA	70	636	--	--	--	--	51	834	434	37057
	JHARKHAND	99	933	5	330	--	--	13	838	769	66401
	KARNATAKA	26	122	1	50	7	140	38	10200	289	31416
	MADHYA PRADESH	--	--	--	--	--	--	--	--	2	160
	MAHARASHTRA	--	--	--	--	--	--	--	--	55	7833
	ORISSA	142	8077	14	3065	--	--	1587	81252	3504	197713
	RAJASTHAN	--	--	--	--	--	--	--	--	440	30661
TOTAL :	IRON	476	12037	20	3445	7	140	1742	94943	6011	406532
18.	LATERITE										
	KARNATAKA	--	--	--	--	--	--	19	230	20	235
	RAJASTHAN	--	--	--	--	--	--	5	852	8	1062
TOTAL :	LATERITE	--	--	--	--	--	--	24	1082	28	1297
19.	LIMESTONE										
	ANDAMAN & NICOBAR IS	--	--	--	--	--	--	--	--	1	23
	ANDHRA PRADESH	23	204	5	475	3	556	284	20517	470	28819
	ASSAM	4	17	--	--	--	--	--	--	4	17
	BIHAR	--	--	--	--	--	--	--	--	4	325
	CHHATTISHGARH	55	710	2	50	--	--	108	15017	254	32513
	GUJARAT	--	--	1	180	1	1719	5	232	7	2131
	HIMACHAL PRADESH	29	954	--	--	--	--	--	--	44	3833
	JHARKHAND	11	70	3	569	--	--	2	18	28	1252
	KARNATAKA	6	7179	--	--	--	--	26	13951	88	45748
	KERALA	7	63	--	--	--	--	1	30	37	1791
	MEGHALAYA	3	965	--	--	--	--	1	844	9	2199
	MADHYA PRADESH	76	1115	3	35	--	--	124	21428	407	46046
	MAHARASHTRA	17	141	--	--	--	--	11	374	234	27033
	ORISSA	5	35	--	--	--	--	101	5274	255	15916
	RAJASTHAN	67	747	2	155	--	--	495	34466	944	63339
	TELANGANA	46	768	3	170	--	--	50	4024	261	14389
	TAMIL NADU	11	72	2	51	--	--	11	158	227	10518
TOTAL :	LIMESTONE	360	13040	21	1685	4	2275	1219	116333	3274	295892
20.	MAGNESITE										
	KARNATAKA	3	27	1	169	--	--	--	--	17	550
	TAMIL NADU	17	88	--	--	--	--	9	26	33	269
TOTAL :	MAGNESITE	20	115	1	169	--	--	9	26	50	819

STATEMENT NO. 2.2

SL. NO.	MINERAL / STATE	NO.OF MINES USING ELECT. POWER	WINDING		VENTILATION		HAULAGE		PUMPING		MINERAL PLANT	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
21. MANGANESE												
	ANDHRA PRADESH	20	--	--	--	--	--	--	51	992	--	--
	GOA	5	--	--	--	--	--	--	6	220	26	795
	JHARKHAND	1	--	--	--	--	--	--	2	3	1	479
	KARNATAKA	4	--	--	--	--	--	--	25	309	10	96
	MADHYA PRADESH	16	6	920	7	522	18	630	87	4176	111	1922
	MAHARASHTRA	11	5	970	8	450	4	200	37	2772	5	621
	ORISSA	9	--	--	--	--	--	--	17	355	3	303
TOTAL : MANGANESE		66	11	1890	15	972	22	830	225	8827	156	4216
22. MARBLE												
	GUJARAT	4	--	--	--	--	--	--	50	204	57	2273
	MADHYA PRADESH	3	--	--	--	--	--	--	14	290	3	700
	RAJASTHAN	10	2	80	--	--	1	10	143	1187	13	113
TOTAL : MARBLE		17	2	80	--	--	1	10	207	1681	73	3086
23. MICA												
	ANDHRA PRADESH	21	10	140	17	206	15	192	33	279	21	186
	BIHAR	1	--	--	1	10	--	--	1	10	--	--
	JHARKHAND	1	1	10	--	--	--	--	--	--	--	--
	RAJASTHAN	1	--	--	--	--	--	--	1	5	--	--
TOTAL : MICA		24	11	150	18	216	15	192	35	294	21	186
24. QUARTZ												
	ANDHRA PRADESH	1	--	--	--	--	--	--	1	10	--	--
	JHARKHAND	1	--	--	1	10	1	10	1	3	--	--
	TELANGANA	1	--	--	--	--	--	--	1	10	--	--
TOTAL : QUARTZ		3	--	--	1	10	1	10	3	23	--	--
25. SALT												
	HIMACHAL PRADESH	1	--	--	1	7	--	--	--	--	--	--
26. SANDSTONE												
	ANDHRA PRADESH	1	--	--	--	--	--	--	121	4160	340	3744
	JHARKHAND	1	--	--	--	--	--	--	1	22	--	--
	RAJASTHAN	1	--	--	--	--	--	--	3	30	3	59
TOTAL : SANDSTONE		3	--	--	--	--	--	--	125	4212	343	3803
27. SILICA												
	HARYANA	4	--	--	--	--	--	--	64	408	4	470
	MAHARASHTRA	6	--	--	--	--	--	--	5	111	60	1016
	RAJASTHAN	4	--	--	--	--	--	--	13	145	14	1045
TOTAL : SILICA		14	--	--	--	--	--	--	82	664	78	2531

STATEMENT NO. 2.2(CONT…)

SL. NO.	MINERAL / STATE	WORK SHOP		COMPRESSOR		CONVEYORS		OTHERS		TOTAL	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	14	15	16	17	18	19	20	21	22	23
21.	MANGANESE										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	51	992
	GOA	--	--	--	--	--	--	3	80	35	1095
	JHARKHAND	1	100	--	--	--	--	--	--	4	582
	KARNATAKA	20	71	--	--	--	--	--	--	55	476
	MADHYA PRADESH	23	162	1	60	--	--	23	2935	276	11327
	MAHARASHTRA	25	229	--	--	--	--	14	2536	98	7778
	ORISSA	--	--	--	--	--	--	1	85	21	743
TOTAL :	MANGANESE	69	562	1	60	--	--	41	5636	540	22993
22.	MARBLE										
	GUJARAT	25	104	17	540	--	--	87	3400	236	6521
	MADHYA PRADESH	--	--	2	120	--	--	16	486	35	1596
	RAJASTHAN	31	375	40	2945	--	--	103	3546	333	8256
TOTAL :	MARBLE	56	479	59	3605	--	--	206	7432	604	16373
23.	MICA										
	ANDHRA PRADESH	10	43	9	505	--	--	19	392	134	1943
	BIHAR	--	--	--	--	--	--	--	--	2	20
	JHARKHAND	--	--	--	--	--	--	--	--	1	10
	RAJASTHAN	--	--	--	--	--	--	--	--	1	5
TOTAL :	MICA	10	43	9	505	--	--	19	392	138	1978
24.	QUARTZ										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	1	10
	JHARKHAND	1	1	--	--	--	--	--	--	4	24
	TELANGANA	--	--	--	--	--	--	--	--	1	10
TOTAL :	QUARTZ	1	1	--	--	--	--	--	--	6	44
25.	SALT										
	HIMACHAL PRADESH	--	--	--	--	--	--	--	--	1	7
26.	SANDSTONE										
	ANDHRA PRADESH	22	2535	--	--	--	--	1	455	484	10894
	JHARKHAND	--	--	--	--	--	--	--	--	1	22
	RAJASTHAN	1	45	--	--	--	--	5	150	12	284
TOTAL :	SANDSTONE	23	2580	--	--	--	--	6	605	497	11200
27.	SILICA										
	HARYANA	6	10	--	--	--	--	1	10	75	898
	MAHARASHTRA	18	45	--	--	--	--	3	482	86	1654
	RAJASTHAN	--	--	--	--	28	120	20	420	75	1730
TOTAL :	SILICA	24	55	--	--	28	120	24	912	236	4282

STATEMENT NO. 2.2(CONT…)

SL. NO.	MINERAL / STATE	NO.OF MINES USING ELECT. POWER	WINDING		VENTILATION		HAULAGE		PUMPING		MINERAL PLANT	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
28.	SILLIMANITE											
	ANDHRA PRADESH	1	--	--	--	--	--	--	100	3310	260	3172
	KERALA	1	--	--	--	--	--	--	65	100	360	4000
	MAHARASHTRA	2	--	--	--	--	--	--	--	--	277	1617
TOTAL :	SILLIMANITE	4	--	--	--	--	--	--	165	3410	897	8789
29.	STEATITE											
	ANDHRA PRADESH	3	--	--	1	10	1	5	3	38	--	--
	BIHAR	1	--	--	--	--	--	--	6	90	--	--
	JHARKHAND	1	--	--	--	--	--	--	1	40	--	--
	ORISSA	1	--	--	--	--	--	--	2	3	--	--
	RAJASTHAN	15	--	--	1	10	7	105	32	920	6	524
TOTAL :	STEATITE	21	--	--	2	20	8	110	44	1091	6	524
30.	STONE											
	ANDHRA PRADESH	1	--	--	--	--	--	--	--	--	12	489
	BIHAR	3	--	--	--	--	--	--	15	225	21	177
	GOA	5	--	--	--	--	1	32	2	8	--	--
	GUJARAT	3	--	--	--	--	1	8	6	155	19	327
	HARYANA	1	--	--	--	--	--	--	--	--	--	--
	JHARKHAND	41	--	--	--	--	--	--	23	344	13	2215
	KARNATAKA	1	--	--	--	--	--	--	--	--	--	--
	MAHARASHTRA	2	--	--	--	--	--	--	--	--	--	--
	RAJASTHAN	1	--	--	--	--	--	--	2	20	--	--
	TAMIL NADU	2	--	--	--	--	--	--	2	30	2	80
	WEST BENGAL	19	--	--	--	--	--	--	22	233	8	1881
TOTAL :	STONE	79	--	--	--	--	2	40	72	1015	75	5169
31.	WOLLASTONITE											
	RAJASTHAN	3	--	--	--	--	--	--	5	49	24	100
TOTAL :	METALLIFEROUS	874	76	16965	165	6666	339	26781	2987	160190	7988	514332

STATEMENT NO. 2.2(CONT…)

SL. NO.	MINERAL / STATE	WORK SHOP		COMPRESSOR		CONVEYORS		OTHERS		TOTAL	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	14	15	16	17	18	19	20	21	22	23
28.	SILLIMANITE										
	ANDHRA PRADESH	20	228	--	--	--	--	10	390	390	7100
	KERALA	--	--	--	--	--	--	--	--	425	4100
	MAHARASHTRA	10	22	--	--	--	--	10	36	297	1675
TOTAL :	SILLIMANITE	30	250	--	--	--	--	20	426	1112	12875
29.	STEATITE										
	ANDHRA PRADESH	--	--	--	--	--	--	3	413	8	466
	BIHAR	--	--	--	--	--	--	--	--	6	90
	JHARKHAND	--	--	--	--	--	--	--	--	1	40
	ORISSA	--	--	--	--	--	--	--	--	2	3
	RAJASTHAN	5	86	2	70	--	--	14	1415	67	3130
TOTAL :	STEATITE	5	86	2	70	--	--	17	1828	84	3729
30.	STONE										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	12	489
	BIHAR	--	--	1	50	--	--	--	--	37	452
	GOA	--	--	--	--	--	--	17	1573	20	1613
	GUJARAT	3	18	2	130	--	--	24	262	55	900
	HARYANA	--	--	--	--	--	--	9	1620	9	1620
	JHARKHAND	16	702	4	306	--	--	19	745	75	4312
	KARNATAKA	--	--	--	--	--	--	6	99	6	99
	MAHARASHTRA	10	20	--	--	--	--	1	30	11	50
	RAJASTHAN	--	--	--	--	--	--	8	20	10	40
	TAMIL NADU	--	--	--	--	--	--	--	--	4	110
	WEST BENGAL	32	2002	2	20	--	--	2	210	66	4346
TOTAL :	STONE	61	2742	9	506	--	--	86	4559	305	14031
31.	WOLLASTONITE										
	RAJASTHAN	7	42	--	--	--	--	16	189	52	380
TOTAL :	METALLIFEROUS	1479	38230	195	23137	41	2614	3855	275177	17125	1064092

STATEMENT NO. 2.3

USAGE OF MACHINERY IN BELOW GROUND IN METALLIFEROUS MINES DURING THE YEAR 2014

SL. NO.	MINERAL / STATE	NO.OF MINES USING BG MACHINERY	WINDING		HAULAGE		VENTILATION		PUMPING		CONVEYOR		ELECT. TRACT.		OTHERS		TOTAL	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1.	APATITE & ROCK PHOSPHATE																	
	UTTARANCHAL	2	1	120	1	50	1	50	3	240	3	50	--	--	--	--	9	510
2.	BARYTES																	
	ANDHRA PRADESH	1	--	--	--	--	1	15	1	10	--	--	--	--	--	--	2	25
3.	CHROMITE																	
	KARNATAKA	1	--	--	--	--	4	96	--	--	--	--	--	--	--	--	4	96
	ORISSA	3	7	160	3	110	12	210	16	801	--	--	4	70	4	187	46	1538
TOTAL :	CHROMITE	4	7	160	3	110	16	306	16	801	--	--	4	70	4	187	50	1634
4.	COPPER																	
	JHARKHAND	3	5	335	--	--	11	195	21	1945	8	395	18	340	7	365	70	3575
	RAJASTHAN	2	7	2285	1	75	38	1040	10	1610	2	125	12	355	29	1315	99	6805
TOTAL :	COPPER	5	12	2620	1	75	49	1235	31	3555	10	520	30	695	36	1680	169	10380
5.	GALENA & SPHALARITE																	
	ANDHRA PRADESH	1	--	--	1	75	1	50	2	60	--	--	--	--	--	--	4	185
	RAJASTHAN	8	4	1243	2	276	46	3688	80	6243	9	645	3	230	58	7195	202	19520
TOTAL :	GALENA & SPHALARITE	9	4	1243	3	351	47	3738	82	6303	9	645	3	230	58	7195	206	19705
6.	GOLD																	
	JHARKHAND	1	--	--	1	10	1	10	2	25	--	--	--	--	--	--	4	45
	KARNATAKA	2	--	--	--	--	5	35	11	310	--	--	--	--	--	--	16	345
	UTTARANCHAL	1	--	--	--	--	1	3	--	--	--	--	--	--	--	--	1	3
TOTAL :	GOLD	4	--	--	1	10	7	48	13	335	--	--	--	--	--	--	21	393
7.	LIMESTONE																	
	JHARKHAND	1	--	--	--	--	--	--	9	748	--	--	--	--	--	--	9	748
8.	MANGANESE																	
	MADHYA PRADESH	6	3	220	8	220	1	3	18	365	--	--	16	320	26	2627	72	3755
	MAHARASHTRA	5	1	80	1	50	5	45	27	3320	--	--	--	--	3	55	37	3550
TOTAL :	MANGANESE	11	4	300	9	270	6	48	45	3685	--	--	16	320	29	2682	109	7305
9.	MICA																	
	ANDHRA PRADESH	6	3	35	4	35	4	14	32	296	--	--	--	--	1	2	44	382
	BIHAR	1	--	--	--	--	--	--	2	20	--	--	--	--	--	--	2	20
	JHARKHAND	1	--	--	--	--	--	--	2	10	--	--	--	--	--	--	2	10
TOTAL :	MICA	8	3	35	4	35	4	14	36	326	--	--	--	--	1	2	48	412
10.	QUARTZ																	
	JHARKHAND	1	--	--	1	10	1	10	2	25	--	--	--	--	--	--	4	45
11.	STEATITE																	
	RAJASTHAN	2	--	--	--	--	--	--	13	171	--	--	--	--	--	--	13	171
TOTAL :	METALLIFEROUS	48	31	4478	23	911	132	5464	251	16199	22	1215	53	1315	128	11746	640	41328

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STATEMENT NO. 2.4

USAGE OF HEAVY EARTH MOVING MACHINERY IN METALLIFEROUS MINES DURING THE YEAR 2014

SL. NO.	MINERAL/STATE	NO.OF MINES USING HEMM	ELECT. SHOVEL		DIESEL SHOVEL		DUMPERS		DOZERS		LOADERS	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
1. APATITE & ROCK PHOSPHATE												
	RAJASTHAN	2	--	--	4	774	20	4220	1	180	--	--
	WEST BENGAL	1	--	--	1	72	3	270	1	50	--	--
TOTAL : APATITE & ROCK PHOSPHA		3	--	--	5	846	23	4490	2	230	--	--
2. BARYTES												
	ANDHRA PRADESH	1	--	--	7	796	38	840	2	400	1	108
	RAJASTHAN	1	--	--	1	250	--	--	--	--	--	--
TOTAL : BARYTES		2	--	--	8	1046	38	840	2	400	1	108
3. BAUXITE												
	CHHATTISHGARH	6	--	--	27	4086	55	7444	2	360	5	604
	GUJARAT	17	--	--	5	773	21	2443	--	--	16	1267
	JHARKHAND	11	--	--	27	4790	78	11742	1	76	10	1071
	KARNATAKA	1	--	--	3	490	6	855	2	270	--	--
	MADHYA PRADESH	1	--	--	1	239	4	720	--	--	--	--
	MAHARASHTRA	8	--	--	14	2911	37	4445	1	413	9	1470
	ORISSA	2	--	--	11	2406	38	4338	10	3236	11	641
TOTAL : BAUXITE		46	--	--	88	15695	239	31987	16	4355	51	5053
4. CALCITE												
	RAJASTHAN	3	--	--	4	445	10	1425	2	360	7	724
5. CHINA CLAY,CLAY,WHITE-CLAY												
	GUJARAT	2	--	--	--	--	7	875	--	--	1	50
	JHARKHAND	1	--	--	--	--	2	67	--	--	1	72
	KERALA	1	--	--	1	88	--	--	--	--	--	--
	RAJASTHAN	7	--	--	7	925	30	4150	--	--	5	375
	WEST BENGAL	1	--	--	--	--	2	144	--	--	2	136
TOTAL : CHINA CLAY,CLAY,WHITE-		12	--	--	8	1013	41	5236	--	--	9	633
6. CHROMITE												
	KARNATAKA	1	--	--	--	--	3	194	--	--	1	76
	ORISSA	16	--	--	69	14662	442	65011	68	8044	40	3853
TOTAL : CHROMITE		17	--	--	69	14662	445	65205	68	8044	41	3929
7. COPPER												
	RAJASTHAN	1	--	--	--	--	1	110	--	--	12	960
8. DOLOMITE												
	CHHATTISHGARH	3	--	--	4	1240	27	5260	3	820	29	5820
	JHARKHAND	1	--	--	2	250	52	10040	--	--	3	330
	MAHARASHTRA	1	--	--	1	130	4	490	--	--	1	124
	ORISSA	2	--	--	5	680	23	3622	--	--	3	490
TOTAL : DOLOMITE		7	--	--	12	2300	106	19412	3	820	36	6764

STATEMENT NO. 2.4 (CONT..)

SL. NO.	MINERAL/STATE	TRACTOR		DRAG-LINE		GRADER		OTHERS		TOTAL HEMM	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	14	15	16	17	18	19	20	21	22	23
1.	APATITE & ROCK PHOSPHATE										
	RAJASTHAN	--	--	--	--	--	--	2	294	27	5468
	WEST BENGAL	--	--	--	--	--	--	--	--	5	392
TOTAL :	APATITE & ROCK PHOSPHA	--	--	--	--	--	--	2	294	32	5860
2.	BARYTES										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	48	2144
	RAJASTHAN	--	--	--	--	--	--	--	--	1	250
TOTAL :	BARYTES	--	--	--	--	--	--	--	--	49	2394
3.	BAUXITE										
	CHHATTISHGARH	--	--	--	--	--	--	7	730	96	13224
	GUJARAT	13	685	--	--	--	--	1	92	56	5260
	JHARKHAND	--	--	--	--	--	--	3	372	119	18051
	KARNATAKA	--	--	--	--	--	--	--	--	11	1615
	MADHYA PRADESH	--	--	--	--	--	--	--	--	5	959
	MAHARASHTRA	--	--	--	--	--	--	14	2271	75	11510
	ORISSA	--	--	--	--	4	665	9	1059	83	12345
TOTAL :	BAUXITE	13	685	--	--	4	665	34	4524	445	62964
4.	CALCITE										
	RAJASTHAN	--	--	--	--	--	--	--	--	23	2954
5.	CHINA CLAY,CLAY,WHITE-CLAY										
	GUJARAT	--	--	--	--	--	--	--	--	8	925
	JHARKHAND	--	--	--	--	--	--	--	--	3	139
	KERALA	--	--	--	--	--	--	--	--	1	88
	RAJASTHAN	5	200	--	--	--	--	--	--	47	5650
	WEST BENGAL	--	--	--	--	--	--	--	--	4	280
TOTAL :	CHINA CLAY,CLAY,WHITE-	5	200	--	--	--	--	--	--	63	7082
6.	CHROMITE										
	KARNATAKA	--	--	--	--	--	--	4	72	8	342
	ORISSA	1	40	--	--	9	965	37	3648	666	96223
TOTAL :	CHROMITE	1	40	--	--	9	965	41	3720	674	96565
7.	COPPER										
	RAJASTHAN	--	--	--	--	--	--	--	--	13	1070
8.	DOLOMITE										
	CHHATTISHGARH	--	--	--	--	--	--	1	245	64	13385
	JHARKHAND	--	--	--	--	--	--	--	--	57	10620
	MAHARASHTRA	--	--	--	--	--	--	--	--	6	744
	ORISSA	--	--	--	--	--	--	--	--	31	4792
TOTAL :	DOLOMITE	--	--	--	--	--	--	1	245	158	29541

STATEMENT NO. 2.4(CONT..)

SL. NO.	MINERAL/STATE	NO.OF MINES USING HEMM	ELECT. SHOVEL		DIESEL SHOVEL		DUMPERS		DOZERS		LOADERS	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
9.	FLUORITE											
	GUJARAT	1	--	--	3	510	--	--	2	540	--	--
10.	GALENA & SPHALARITE											
	RAJASTHAN	3	--	--	11	6648	60	7358	16	3212	8	3327
11.	GOLD											
	KARNATAKA	1	--	--	2	300	6	1800	--	--	--	--
12.	GRANITE											
	ANDHRA PRADESH	74	2	480	190	44616	161	41317	11	3089	16	4137
	GOA	1	--	--	2	268	--	--	--	--	--	--
	KARNATAKA	12	--	--	56	10713	57	9637	4	428	10	1530
	KERALA	7	--	--	15	2334	17	1762	--	--	1	72
	MADHYA PRADESH	1	--	--	9	2248	15	2310	1	160	1	355
	ORISSA	1	--	--	3	555	5	735	--	--	--	--
	TELANGANA	5	--	--	10	1745	5	255	--	--	--	--
	TAMIL NADU	59	--	--	76	14701	116	12191	--	--	2	1085
	UTTAR PRADESH	3	--	--	9	2624	6	1255	3	960	--	--
TOTAL :	GRANITE	163	2	480	370	79804	382	69462	19	4637	30	7179
13.	GRAPHITE											
	ORISSA	1	--	--	--	--	2	200	--	--	--	--
14.	GYPSUM											
	RAJASTHAN	6	--	--	7	1090	--	--	--	--	--	--
15.	IRON											
	ANDHRA PRADESH	1	--	--	1	128	2	220	--	--	1	76
	CHHATTISHGARH	9	22	10424	41	15136	210	64732	36	16053	15	4157
	GOA	40	--	--	119	29058	632	113584	53	19190	114	23978
	JHARKHAND	15	--	--	44	14746	103	45354	30	11049	65	16134
	KARNATAKA	66	--	--	264	48009	803	130452	31	8384	202	24855
	MADHYA PRADESH	3	--	--	8	1244	24	3312	1	410	2	248
	MAHARASHTRA	12	--	--	48	9739	192	27446	19	5496	27	3726
	ORISSA	54	--	--	330	61205	686	160642	62	18589	221	28236
	RAJASTHAN	1	--	--	4	778	30	3600	--	--	3	372
TOTAL :	IRON	201	22	10424	859	180043	2682	549342	232	79171	650	101782
16.	LATERITE											
	ANDHRA PRADESH	1	--	--	1	242	5	1250	1	750	--	--
	RAJASTHAN	1	--	--	7	1040	26	4920	2	720	--	--
TOTAL :	LATERITE	2	--	--	8	1282	31	6170	3	1470	--	--
17.	LIMESTONE											
	ANDHRA PRADESH	32	--	--	85	30756	254	90977	25	7678	19	3835
	ASSAM	5	--	--	3	555	17	1192	1	155	1	96
	BIHAR	1	--	--	2	370	10	1100	--	--	--	--
	CHHATTISHGARH	11	--	--	44	17221	112	48285	17	6212	9	2316
	GUJARAT	20	1	180	40	8659	217	43447	24	8285	41	8362
	HIMACHAL PRADESH	11	--	--	44	17530	78	36122	19	5659	4	539
	JHARKHAND	2	--	--	1	115	--	--	--	--	--	--
	JAMMU & KASHMIR	1	--	--	2	250	8	1280	1	320	--	--
	KARNATAKA	22	1	1149	57	17613	198	68894	28	11800	13	4133
	KERALA	1	--	--	4	1492	16	2270	--	--	--	--
	MEGHALAYA	9	--	--	12	2525	66	14414	5	949	1	127
	MADHYA PRADESH	31	12	3809	92	25360	342	95213	53	15533	26	7518
	MAHARASHTRA	6	--	--	18	5750	58	18491	11	4378	3	835
	ORISSA	7	--	--	40	11171	98	33935	3	1032	7	986
	RAJASTHAN	66	--	--	169	40372	721	146450	42	12139	56	7551

STATEMENT NO. 2.4 (CONT..)

SL. NO.	MINERAL/STATE	TRACTOR		DRAG-LINE		GRADER		OTHERS		TOTAL HEMM	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	14	15	16	17	18	19	20	21	22	23
9.	FLUORITE										
	GUJARAT	--	--	--	--	--	--	--	--	5	1050
10.	GALENA & SPHALARITE										
	RAJASTHAN	--	--	--	--	4	539	4	650	103	21734
11.	GOLD										
	KARNATAKA	--	--	--	--	--	--	--	--	8	2100
12.	GRANITE										
	ANDHRA PRADESH	4	450	--	--	--	--	64	5336	448	99425
	GOA	--	--	--	--	--	--	--	--	2	268
	KARNATAKA	4	280	--	--	--	--	15	1663	146	24251
	KERALA	1	35	--	--	--	--	3	225	37	4428
	MADHYA PRADESH	--	--	--	--	--	--	3	330	29	5403
	ORISSA	--	--	--	--	--	--	--	--	8	1290
	TELANGANA	--	--	--	--	--	--	1	60	16	2060
	TAMIL NADU	--	--	--	--	--	--	44	6148	238	34125
	UTTAR PRADESH	--	--	--	--	--	--	7	765	25	5604
TOTAL :	GRANITE	9	765	--	--	--	--	137	14527	949	176854
13.	GRAPHITE										
	ORISSA	--	--	--	--	--	--	--	--	2	200
14.	GYPSUM										
	RAJASTHAN	5	210	--	--	--	--	--	--	12	1300
15.	IRON										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	4	424
	CHHATTISHGARH	3	190	--	--	8	1329	28	9271	363	121292
	GOA	--	--	--	--	14	2477	16	3091	948	191378
	JHARKHAND	--	--	--	--	10	2139	34	7271	286	96693
	KARNATAKA	1	50	--	--	7	1355	37	3362	1345	216467
	MADHYA PRADESH	--	--	--	--	--	--	--	--	35	5214
	MAHARASHTRA	--	--	--	--	2	530	15	2605	303	49542
	ORISSA	5	330	--	--	12	2519	98	19805	1414	291326
	RAJASTHAN	--	--	--	--	--	--	--	--	37	4750
TOTAL :	IRON	9	570	--	--	53	10349	228	45405	4735	977086
16.	LATERITE										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	7	2242
	RAJASTHAN	--	--	--	--	--	--	--	--	35	6680
TOTAL :	LATERITE	--	--	--	--	--	--	--	--	42	8922
17.	LIMESTONE										
	ANDHRA PRADESH	4	251	--	--	2	320	29	4074	418	137891
	ASSAM	--	--	--	--	--	--	--	--	22	1998
	BIHAR	--	--	--	--	--	--	--	--	12	1470
	CHHATTISHGARH	--	--	--	--	4	720	8	1232	194	75986
	GUJARAT	3	245	--	--	2	333	13	9059	341	78570
	HIMACHAL PRADESH	--	--	--	--	2	358	6	652	153	60860
	JHARKHAND	2	100	--	--	--	--	2	110	5	325
	JAMMU & KASHMIR	--	--	--	--	--	--	--	--	11	1850
	KARNATAKA	3	191	--	--	1	170	41	21489	342	125439
	KERALA	--	--	--	--	--	--	--	--	20	3762
	MEGHALAYA	--	--	--	--	--	--	--	--	84	18015
	MADHYA PRADESH	3	166	--	--	14	3030	20	3105	562	153734
	MAHARASHTRA	2	125	--	--	1	160	3	242	96	29981
	ORISSA	1	60	--	--	1	145	11	6769	161	54098
	RAJASTHAN	7	283	--	--	2	645	90	14658	1087	222098

STATEMENT NO. 2.4(CONT..)

SL. NO.	MINERAL/STATE	NO.OF MINES USING HEMM	ELECT. SHOVEL		DIESEL SHOVEL		DUMPERS		DOZERS		LOADERS	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
	TELANGANA	29	2	405	65	15347	210	53910	22	6806	14	3728
	TAMIL NADU	48	--	--	118	26562	315	55362	24	7914	45	5786
	UTTAR PRADESH	2	--	--	8	2945	49	13885	3	924	--	--
	TOTAL : LIMESTONE	304	16	5543	804	224593	2769	725227	278	89784	239	45812
18.	MAGNESITE											
	KARNATAKA	2	--	--	2	390	7	835	--	--	1	118
	TAMIL NADU	4	--	--	10	1543	53	10736	3	820	9	1335
	TOTAL : MAGNESITE	6	--	--	12	1933	60	11571	3	820	10	1453
19.	MANGANESE											
	ANDHRA PRADESH	7	--	--	10	1197	13	884	2	420	6	807
	GOA	2	--	--	6	698	57	4514	--	--	--	--
	GUJARAT	2	--	--	5	1466	3	530	--	--	--	--
	JHARKHAND	1	--	--	2	503	4	620	--	--	4	440
	KARNATAKA	5	--	--	22	959	70	1274	1	200	14	1056
	MADHYA PRADESH	7	--	--	13	2659	45	11729	5	1107	19	6384
	MAHARASHTRA	2	--	--	4	848	53	6880	2	550	4	995
	ORISSA	12	--	--	38	6407	131	20872	8	2114	15	2046
	TOTAL : MANGANESE	38	--	--	100	14737	376	47303	18	4391	62	11728
20.	MARBLE											
	GUJARAT	4	--	--	14	2673	23	3318	--	--	7	672
	MADHYA PRADESH	3	--	--	4	893	9	1775	--	--	6	1115
	RAJASTHAN	7	1	150	43	11007	46	13540	2	345	15	3940
	TOTAL : MARBLE	14	1	150	61	14573	78	18633	2	345	28	5727
21.	MICA											
	ANDHRA PRADESH	2	--	--	2	113	--	--	--	--	--	--
22.	QUARTZ											
	JHARKHAND	1	--	--	--	--	--	--	--	--	--	--
	TELANGANA	3	--	--	3	578	12	1340	--	--	--	--
	TOTAL : QUARTZ	4	--	--	3	578	12	1340	--	--	--	--
23.	SANDSTONE											
	HARYANA	1	--	--	2	400	--	--	--	--	--	--
	RAJASTHAN	1	--	--	2	262	22	1536	--	--	--	--
	UTTAR PRADESH	1	--	--	--	--	10	1082	--	--	1	110
	TOTAL : SANDSTONE	3	--	--	4	662	32	2618	--	--	1	110
24.	SILICA											
	HARYANA	3	--	--	2	180	12	900	--	--	1	140
	MAHARASHTRA	1	1	200	--	--	--	--	--	--	--	--
	RAJASTHAN	3	--	--	4	440	32	3520	--	--	9	660
	TOTAL : SILICA	7	1	200	6	620	44	4420	--	--	10	800
25.	SILLIMANITE											
	ANDHRA PRADESH	1	--	--	10	1200	40	7000	3	500	8	600
	MAHARASHTRA	1	--	--	--	--	10	2200	--	--	8	880
	TOTAL : SILLIMANITE	2	--	--	10	1200	50	9200	3	500	16	1480

STATEMENT NO. 2.4 (CONT..)

SL. NO.	MINERAL/STATE	TRACTOR		DRAG-LINE		GRADER		OTHERS		TOTAL HEMM	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	14	15	16	17	18	19	20	21	22	23
	TELANGANA	2	193	--	--	1	200	10	1018	326	81607
	TAMIL NADU	5	226	--	--	--	--	11	4722	518	100572
	UTTAR PRADESH	--	--	--	--	--	--	--	--	60	17754
	TOTAL : LIMESTONE	32	1840	--	--	30	6081	244	67130	4412	1166010
18.	MAGNESITE										
	KARNATAKA	--	--	--	--	--	--	--	--	10	1343
	TAMIL NADU	2	116	--	--	1	280	3	330	81	15160
	TOTAL : MAGNESITE	2	116	--	--	1	280	3	330	91	16503
19.	MANGANESE										
	ANDHRA PRADESH	1	55	--	--	--	--	1	20	33	3383
	GOA	--	--	--	--	--	--	--	--	63	5212
	GUJARAT	--	--	--	--	--	--	--	--	8	1996
	JHARKHAND	--	--	--	--	--	--	--	--	10	1563
	KARNATAKA	--	--	--	--	--	--	--	--	107	3489
	MADHYA PRADESH	1	40	--	--	--	--	3	165	86	22084
	MAHARASHTRA	--	--	--	--	--	--	1	30	64	9303
	ORISSA	--	--	--	--	1	204	22	1246	215	32889
	TOTAL : MANGANESE	2	95	--	--	1	204	27	1461	586	79919
20.	MARBLE										
	GUJARAT	4	262	--	--	--	--	17	631	65	7556
	MADHYA PRADESH	--	--	--	--	--	--	1	50	20	3833
	RAJASTHAN	--	--	--	--	--	--	12	1477	119	30459
	TOTAL : MARBLE	4	262	--	--	--	--	30	2158	204	41848
21.	MICA										
	ANDHRA PRADESH	--	--	--	--	--	--	2	125	4	238
22.	QUARTZ										
	JHARKHAND	--	--	--	--	--	--	2	45	2	45
	TELANGANA	--	--	--	--	--	--	--	--	15	1918
	TOTAL : QUARTZ	--	--	--	--	--	--	2	45	17	1963
23.	SANDSTONE										
	HARYANA	--	--	--	--	--	--	--	--	2	400
	RAJASTHAN	--	--	--	--	--	--	7	1840	31	3638
	UTTAR PRADESH	--	--	--	--	--	--	4	440	15	1632
	TOTAL : SANDSTONE	--	--	--	--	--	--	11	2280	48	5670
24.	SILICA										
	HARYANA	--	--	--	--	--	--	7	387	22	1607
	MAHARASHTRA	--	--	--	--	--	--	--	--	1	200
	RAJASTHAN	--	--	--	--	--	--	--	--	45	4620
	TOTAL : SILICA	--	--	--	--	--	--	7	387	68	6427
25.	SILLIMANITE										
	ANDHRA PRADESH	--	--	--	--	5	900	--	--	66	10200
	MAHARASHTRA	--	--	--	--	--	--	--	--	18	3080
	TOTAL : SILLIMANITE	--	--	--	--	5	900	--	--	84	13280

STATEMENT NO. 2.4(CONT..)

SL. NO.	MINERAL/STATE	NO.OF MINES USING HEMM	ELECT. SHOVEL		DIESEL SHOVEL		DUMPERS		DOZERS		LOADERS	
			NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13
26. STEATITE												
	ANDHRA PRADESH	1	--	--	1	350	--	--	--	--	--	--
	MADHYA PRADESH	1	--	--	--	--	1	50	--	--	--	--
	ORISSA	1	--	--	1	115	2	80	--	--	--	--
	RAJASTHAN	12	--	--	23	6204	90	19242	5	642	15	1358
TOTAL : STEATITE		15	--	--	25	6669	93	19372	5	642	15	1358
27. STONE												
	ANDHRA PRADESH	1	--	--	2	262	3	480	--	--	1	115
	BIHAR	1	--	--	--	--	23	4986	--	--	--	--
	GOA	4	--	--	6	685	--	--	--	--	--	--
	GUJARAT	1	--	--	2	250	9	1112	--	--	1	112
	HARYANA	4	--	--	24	7532	38	10855	4	815	4	496
	JHARKHAND	12	1	200	1	75	11	780	--	--	3	260
	KERALA	2	--	--	4	578	4	540	--	--	--	--
	MAHARASHTRA	3	--	--	15	4668	35	10040	2	610	12	3715
	ORISSA	1	--	--	2	500	--	--	--	--	--	--
	RAJASTHAN	2	--	--	--	--	3	180	1	100	--	--
	TELANGANA	1	--	--	--	--	--	--	--	--	1	78
	TAMIL NADU	4	--	--	6	1093	20	2720	--	--	1	130
	WEST BENGAL	3	--	--	9	1413	28	4150	--	--	1	152
TOTAL : STONE		39	1	200	71	17056	174	35843	7	1525	24	5058
28. WOLLASTONITE												
	RAJASTHAN	3	--	--	7	880	35	4510	3	525	10	982
TOTAL : METALLIFEROUS		906	43	16997	2559	589298	7789	1643074	684	201771	1260	204967

STATEMENT NO. 2.4(CONT..)

SL. NO.	MINERAL/STATE	TRACTOR		DRAG-LINE		GRADER		OTHERS		TOTAL HEMM	
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	14	15	16	17	18	19	20	21	22	23
26.	STEATITE										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	1	350
	MADHYA PRADESH	--	--	--	--	--	--	--	--	1	50
	ORISSA	--	--	--	--	--	--	--	--	3	195
	RAJASTHAN	4	175	--	--	--	--	6	762	143	28383
TOTAL : STEATITE		4	175	--	--	--	--	6	762	148	28978
27.	STONE										
	ANDHRA PRADESH	--	--	--	--	--	--	--	--	6	857
	BIHAR	--	--	--	--	--	--	--	--	23	4986
	GOA	--	--	--	--	--	--	6	560	12	1245
	GUJARAT	--	--	--	--	--	--	--	--	12	1474
	HARYANA	--	--	--	--	1	160	1	118	72	19976
	JHARKHAND	2	120	--	--	--	--	3	176	21	1611
	KERALA	--	--	--	--	--	--	--	--	8	1118
	MAHARASHTRA	--	--	--	--	1	140	--	--	65	19173
	ORISSA	--	--	--	--	--	--	--	--	2	500
	RAJASTHAN	3	450	--	--	--	--	--	--	7	730
	TELANGANA	--	--	--	--	--	--	--	--	1	78
	TAMIL NADU	--	--	--	--	--	--	--	--	27	3943
	WEST BENGAL	1	25	--	--	--	--	--	--	39	5740
TOTAL : STONE		6	595	--	--	2	300	10	854	295	61431
28.	WOLLASTONITE										
	RAJASTHAN	--	--	--	--	--	--	3	262	58	7159
TOTAL : METALLIFEROUS		92	5553	--	--	109	20283	792	145159	13328	2827102

STATEMENT NO. 2.5

USAGE OF ELECTRICAL MACHINERIES AND DIESEL COMPRESSORS IN OIL MINES DURING THE YEAR 2014

NO.OF MINES STATE	DRAW WORKS USING MACHINERIES	HOISTS		PUMPS		PORTABLE MACH.		WORKSHOPS		OTHERS		TOTAL		DIESEL COMP.			
		NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.	NO.	H.P.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ANDHRA PRADESH	7	28	24400	1	5	256	46245	--	--	2	6	881	71843	1168	142499	33	2627
ARUNACHAL PRADESH	1	--	--	--	--	130	1782	2	10	2	2	1	153	135	1947	2	10
ASSAM	20	61	57679	59	5306	1021	136343	79	1755	--	--	2171	165037	3391	366120	242	65167
BIHAR	1	3	3000	2	2000	2	4000	--	--	1	1000	--	--	8	10000	--	--
GUJARAT	25	23	8337	89	12419	2405	128446	39	73	22	342	906	61903	3484	211520	305	125778
JHARKHAND	7	5	4415	2	370	99	11906	3	15	8	25	4	1055	121	17786	9	1226
MADHYA PRADESH	3	1	145	1	300	27	1628	6	15	3	2	47	84	85	2174	3	1925
PONDICHERRY	2	12	12000	--	--	163	17937	--	--	--	--	262	8211	437	38148	12	1200
RAJASTHAN	10	5	4000	3	1500	647	83086	56	1005	--	--	457	26312	1168	115903	51	2880
TAMIL NADU	3	12	12000	--	--	65	16861	12	10	12	100	267	13889	368	42860	14	2674
TRIPURA	2	--	--	--	--	46	1447	2	10	--	--	10	723	58	2180	--	--
WEST BENGAL	4	7	2627	2	1750	148	10296	--	--	8	25	144	27550	309	42248	16	1776
TOTAL : OIL	85	157	128603	159	23650	5009	459977	199	2893	58	1502	5150	376760	10732	993385	687	205263

STATEMENT NO. 2.6

USAGE OF DRILLS AND DIESEL COMPRESSORS IN METALLIFEROUS MINES DURING THE YEAR 2014

MINERAL	NO. OF MINES USING DRILLS	NUMBER OF DRILLS			NO. OF MINES USING COMPRESSORS	COMPRESSORS	
		SMALL	HEAVY	TOTAL		NO.	H.P.
1	2	3	4	5	6	7	8
APATITE & ROCK PHOSPHA	7	21	4	25	8	19	1021
BARYTES	4	5	--	5	4	5	262
BAUXITE	64	84	56	140	29	48	9699
CALCITE	3	3	6	9	2	6	950
CHINA CLAY,CLAY,WHITE-	4	6	--	6	3	5	198
CHROMITE	18	38	75	113	7	16	1784
COPPER	5	140	56	196	3	19	5955
DIAMOND	1	--	3	3	--	--	--
DOLOMITE	27	38	26	64	11	18	1904
FELSPAR	5	12	1	13	2	2	285
FLUORITE	1	2	--	2	--	--	--
GALENA & SPHALARITE	9	63	56	119	2	4	127
GOLD	6	398	43	441	1	1	60
GRANITE	236	1280	476	1756	180	514	63044
GRAPHITE	1	2	1	3	--	--	--
GYPSUM	3	4	2	6	--	--	--
IRON	140	79	239	318	81	171	30472
LATERITE	1	3	1	4	1	3	150
LIMESTONE	414	417	570	987	218	358	49161
MAGNESITE	8	11	16	27	6	12	1530
MANGANESE	69	226	147	373	34	68	9362
MARBLE	18	176	69	245	13	50	4711
MICA	24	38	14	52	11	12	1110
QUARTZ	18	33	7	40	5	5	1015
SALT	1	2	--	2	1	1	50
SANDSTONE	2	1	5	6	1	3	408
SILICA	20	52	13	65	14	23	4197
SILLIMANITE	2	2	2	4	4	10	1370
STEATITE	35	68	30	98	19	53	5157
STONE	162	227	91	318	88	135	17722
WOLLASTONITE	3	18	11	29	3	15	1720
TOTAL : METALLIFEROUS	1311	3449	2020	5469	751	1576	213424

SECTION – III

EXPLOSIVES

Statement 3.1: Trend in consumption of explosives and detonators

Year	No. of mines using explosives	Consumption of explosives (in tonnes)								Detonators ('000 numbers)	
		N.G. based	A.N. based	Liquid oxygen	Slurries large	Slurries small	Boosters	Gun powder	Total	Electrical	Ordinary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1984	915	6,222	4,481	744	5,088	1,736	213	112	18,596	8,633	9,122
1985	904	5,493	5,102	740	8,186	3,315	42	82	22,960	7,759	9,385
1986	983	4,053	5,711	992	10,692	3,339	36	94	24,917	8,429	10,363
1987	983	4,318	6,249	1,180	11,727	3,584	31	90	27,179	8,864	9,339
1988	959	4,120	6,318	1,691	13,648	2,190	61	91	28,119	8,427	8,713
1989	953	4,104	6,964	1,553	15,687	1,433	52	80	29,882	8,656	8,665
1990	944	4,650	7,912	1,786	15,703	1,554	44	71	31,720	8,023	8,124
1991	949	5,793	10,272	1,148	20,690	2,262	44	63	40,272	8,204	8,708
1992	952	4,293	11,868	648	23,831	3,309	51	59	44,059	9,676	8,920
1993	993	3,765	14,087	244	22,264	3,601	37	60	44,058	9,836	7,864
1994	1,025	3,065	13,448	260	22,400	4,015	29	68	43,285	9,485	7,919
1995	1,064	3,766	13,767	171	23,781	4,546	42	105	46,178	9,239	9,386
1996	1,027	3,429	14,520	124	23,993	5,053	30	93	47,243	8,216	8,864
1997	1,020	2,759	17,964	39	15,182	7,256	42	113	43,356	7,379	7,717
1998	1,017	1,713	18,719	154	17,199	9,126	52	111	47,074	6,716	7,529
1999	967	1,828	22,151	153	18,353	7,159	30	86	49,760	6,307	7,284
2000	1,056	1,233	17,887	148	25,561	10,333	94	113	55,369	6,582	7,201
2001	1,045	1,021	21,476	140	24,303	7,877	81	92	55,809	6,028	6,142
2002	1,206	1,092	21,111	368	26,186	6,640	128	88	55,613	6,621	6,138
2003	1,075	1,005	20,471	238	36,473	5,279	176	88	63,729	7,076	6,395
2004	1,098	1,323	24,547	168	36,883	7,300	253	111	70,584	7,458	6,768
2005	1,128	1,382	28,085	168	40,538	9,892	501	130	80,700	8,264	6,339
2006	983	608	33,757	Nil*	53,240	6,766	662	116	95,146	9,073	5,551
2007	1043	566	31,179	457	57,122	7,940	437	73	97,769	9,413	4,658
2008	1105	655	38,438	457	63,282	7,096	691	111	120,866	10,078	5,515
2009	1140	471	36,843	282	56,607	7,103	338	92	101,736	10,533	4,989
2010	1141	438	34,249	268	54,621	7,220	369	106	97,272	12,657	4,289
2011	1133	917	32,657	626	57,942	6,200	370	634	98,213	11,425	4,606
2012	1157	603	37,527	504	56,939	6,505	563	61	102,249	11,363	5,081
2013	1188	498	36,700	81	53,477	8,890	532	61	100,239	10,527	4,673
2014	1161	399	39,048	82	63,776	9,309	609	61	113,200	9305	4087

*No mine reported the use of Liquid oxygen during the year 2006.

STATEMENT NO. 3.2
CONSUMPTION OF EXPLOSIVES IN METALLIFEROUS MINES DURING THE YEAR 2014 : MINERAL- STATEWISE

(IN KILOGRAMS)

Sl. No.	Mineral / State	No. of Mines Using Explosives	N. G. Based		A. N. Based	Slurries		Boosters	Liquid Oxygen	Gun Powder	Total amount of explosives used	Detonators (In Numbers)	
			Large Diameter	Small Diameter		Large Diameter	Small Diameter					Electric	Ordinary
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. APATITE & ROCK PHOSPHATE													
	ANDHRA PRADESH	1	--	2158	--	--	--	--	--	--	2158	4820	--
	MADHYA PRADESH	2	--	4775	--	10400	--	--	--	--	15175	1202	10000
	RAJASTHAN	2	--	--	--	105603	305109	--	--	--	410712	2	836
	UTTARANCHAL	2	--	580	--	--	--	--	--	--	580	--	--
TOTAL : APATITE & ROCK PHOSPHA		7	--	7513	--	116003	305109	--	--	--	428625	6024	10836
2. BARYTES													
	ANDHRA PRADESH	1	--	--	--	--	427	--	--	--	427	2194	590
	HIMACHAL PRADESH	1	--	103	--	--	--	--	--	--	103	--	820
	RAJASTHAN	1	--	--	--	--	555	--	--	--	555	--	4440
	TELANGANA	1	--	100	--	--	--	--	--	--	100	--	--
TOTAL : BARYTES		4	--	203	--	--	982	--	--	--	1185	2194	5850
3. BAUXITE													
	CHHATTISHGARH	7	--	--	312490	64994	84686	--	--	--	462170	4293	8244
	GUJARAT	13	--	--	3625	1261	37871	--	--	--	42757	13507	4274
	JHARKHAND	20	--	200	626632	16917	4297	--	--	--	648046	520	87346
	KARNATAKA	1	--	--	--	--	731	--	--	--	731	2463	--
	MADHYA PRADESH	3	--	735	--	3747	1300	--	--	--	5782	29947	11150
	MAHARASHTRA	7	--	--	38315	156179	860	--	--	--	195354	7268	1067
	ORISSA	2	--	--	498094	992430	1860	90050	--	--	1582434	1010	340
	TAMIL NADU	1	--	44	--	--	--	--	--	--	44	34	--
	UTTAR PRADESH	3	--	--	1391	--	921	--	--	--	2312	--	17943
TOTAL : BAUXITE		57	--	979	1480547	1235528	132526	90050	--	--	2939630	59042	130364
4. CALCITE													
	RAJASTHAN	3	--	2309	63075	7498	--	--	--	--	72882	49817	5133
5. CHINA CLAY,CLAY,WHITE-CLAY													
	ANDHRA PRADESH	2	--	--	--	--	270	--	--	--	270	1057	200
	RAJASTHAN	1	--	456	--	--	--	--	--	--	456	--	3355
TOTAL : CHINA CLAY,CLAY,WHITE-		3	--	456	--	--	270	--	--	--	726	1057	3555
6. CHROMITE													
	KARNATAKA	1	--	--	--	--	637	--	--	--	637	4280	--
	ORISSA	14	--	--	--	446634	64589	--	--	--	511223	186611	1504
TOTAL : CHROMITE		15	--	--	--	446634	65226	--	--	--	511860	190891	1504
7. COPPER													
	JHARKHAND	2	--	7150	--	16030	146541	--	--	--	169721	345535	135
	MADHYA PRADESH	1	--	--	--	2967676	--	--	--	--	2967676	--	1811
	RAJASTHAN	2	--	--	398100	229013	274670	--	--	--	901783	--	46752
TOTAL : COPPER		5	--	7150	398100	3212719	421211	--	--	--	4039180	345535	48698

STATEMENT NO. 3.2(CONT..)

(IN KILOGRAMS)

Sl. No.	Mineral / State	No. of Mines Using Explosives	N. G. Based		A. N. Based	Slurries		Boosters	Liquid Oxygen	Gun Powder	Total amount of explosives used	Detonators (In Numbers)	
			Large Diameter	Small Diameter		Large Diameter	Small Diameter					Electric	Ordinary
1	2	3	4	5	6	7	8	9	10	11	12	13	14
8. DIAMOND													
	MADHYA PRADESH	1	--	--	--	114200	--	--	--	--	114200	--	555
9. DOLOMITE													
	ANDHRA PRADESH	2	--	--	46500	6300	2105	--	--	--	54905	6988	1652
	CHHATTISHGARH	8	--	--	334708	472004	307070	--	--	--	1113782	229468	54727
	JHARKHAND	1	--	--	--	57950	--	--	--	--	57950	4515	--
	KARNATAKA	5	--	--	2995	1604	11596	--	--	--	16195	26182	2343
	MADHYA PRADESH	3	--	--	--	--	7152	--	--	--	7152	9243	--
	MAHARASHTRA	2	--	--	--	1575	163	--	--	--	1738	1445	--
	ORISSA	2	--	--	--	28125	16087	--	--	--	44212	34297	72
	TELANGANA	1	--	--	--	121250	--	64250	--	--	185500	--	--
TOTAL : DOLOMITE		24	--	--	384203	688808	344173	64250	--	--	1481434	312138	58794
10. FELSPAR													
	ANDHRA PRADESH	3	--	--	28200	--	15777	--	--	--	43977	220	9525
	TELANGANA	2	--	1839	2200	--	--	--	--	--	4039	16456	--
TOTAL : FELSPAR		5	--	1839	30400	--	15777	--	--	--	48016	16676	9525
11. FLUORITE													
	MAHARASHTRA	1	--	--	--	--	92	--	--	--	92	--	--
12. GALENA & SPHALARITE													
	RAJASTHAN	9	--	--	317700	3313560	960640	1805	--	--	4593705	444550	241159
13. GOLD													
	JHARKHAND	1	--	--	--	--	8700	--	--	--	8700	22920	--
	KARNATAKA	4	--	--	--	124909	239336	--	--	--	364245	57831	--
	UTTARANCHAL	1	--	--	--	--	45	--	--	--	45	--	--
TOTAL : GOLD		6	--	--	--	124909	248081	--	--	--	372990	80751	--
14. GRANITE													
	ANDHRA PRADESH	63	--	5950	397410	629264	144112	--	--	--	1176736	252731	1896
	GOA	2	--	--	--	26963	1815	--	--	--	28778	80452	645
	KARNATAKA	16	--	240	--	8984	104752	--	--	6922	120898	355525	8663
	KERALA	17	--	--	1416	61288	37121	--	--	400	100225	454948	31862
	MADHYA PRADESH	1	--	--	--	--	2600	--	--	--	2600	30800	--
	ORISSA	1	--	--	--	--	496	--	--	--	496	2128	--
	TELANGANA	3	--	500	--	875	2310	--	--	--	3685	19796	--
	TAMIL NADU	64	--	21990	--	491905	221946	--	--	12754	748595	158081	27249
	UTTAR PRADESH	3	--	--	--	8419	--	--	--	--	8419	89145	--
	WEST BENGAL	1	--	--	--	3188	--	--	--	--	3188	25500	--
TOTAL : GRANITE		171	--	28680	398826	1230886	515152	--	--	20076	2193620	1469106	70315
15. GRAPHITE													
	TAMIL NADU	1	--	--	--	27450	9100	--	--	--	36550	--	128

STATEMENT NO. 3.2(CONT..)

Sl. No.	Mineral / State	No. of Mines Using Explosives	(IN KILOGRAMS) N. G. Based		A. N. Based	Slurries		Boosters	Liquid Oxygen	Gun Powder	Total amount of explosives used	Detonators (In Numbers)	
			Large Diameter	Small Diameter		Large Diameter	Small Diameter					Electric	Ordinary
1	2	3	4	5	6	7	8	9	10	11	12	13	14
16. GYPSUM													
	JAMMU & KASHMIR	3	2904	3440	--	--	932	--	--	--	7276	--	20690
17. IRON													
	ANDHRA PRADESH	1	--	--	--	3980	--	--	--	--	3980	--	42947
	CHHATTISHGARH	10	4121	121495	--	5261155	100390	--	--	--	5487161	260	4769
	GOA	6	--	2220	--	124231	2652	--	--	--	129103	641	2713
	JHARKHAND	13	--	--	--	1711167	1102020	4380	--	--	2817567	1130	7282
	KARNATAKA	32	--	189	142544	2792828	40005	194	--	--	2975760	3172	29441
	MAHARASHTRA	2	--	--	--	112280	65546	--	--	--	177826	--	34564
	ORISSA	55	53300	293	631750	7267522	57217	47876	--	--	8057958	114862	210696
	RAJASTHAN	1	--	--	--	487225	745135	2139	--	--	1234499	--	--
TOTAL : IRON		120	57421	124197	774294	17760388	2112965	54589	--	--	20883854	120065	332412
18. LATERITE													
	RAJASTHAN	1	--	--	91950	60625	--	--	--	--	152575	7561	--
19. LIMESTONE													
	ANDAMAN & NICOBAR IS	1	--	7526	--	--	--	--	--	--	7526	9727	84
	ANDHRA PRADESH	39	--	--	3666155	3280776	30929	38629	--	21600	7038089	115983	58610
	ASSAM	5	--	--	--	97408	--	13	--	--	97421	19862	453
	BIHAR	2	--	--	--	66975	2424	--	--	--	69399	--	2022
	CHHATTISHGARH	16	--	--	592172	4381155	745942	163841	--	--	5883110	72671	50194
	GUJARAT	25	--	--	1065720	255162	13947	--	--	2293	1337122	68597	74368
	HIMACHAL PRADESH	29	--	6393	1634585	156727	133817	35	--	--	1931557	3980	176575
	JHARKHAND	10	--	196	24152	123187	125312	--	--	--	272847	58314	69713
	JAMMU & KASHMIR	1	--	--	--	39000	--	--	--	--	39000	--	80
	KARNATAKA	44	--	592	1132098	2262400	16550	1475	--	14370	3427485	132859	28405
	KERALA	1	--	--	101200	58850	82260	--	--	--	242310	18732	--
	MEGHALAYA	7	--	--	3030	293457	7927	--	--	--	304414	46110	1864
	MADHYA PRADESH	43	--	370	3332269	4778074	235203	55101	--	780	8401797	599370	421803
	MAHARASHTRA	8	--	--	378250	1811367	472	--	--	--	2190089	17628	93
	ORISSA	11	--	--	361900	232407	1092659	3356	--	--	1690322	373897	33159
	RAJASTHAN	61	--	10222	13220004	5930758	611351	23891	--	--	19796226	144894	263259
	TELANGANA	40	--	7838	3974418	2100426	96543	72052	--	--	6251277	232674	309979
	TAMIL NADU	42	--	4533	2821274	1733621	43707	27061	--	--	4630196	276554	110839
	UTTARANCHAL	2	--	385	--	3070	427	--	--	--	3882	--	14934
	UTTAR PRADESH	2	--	--	--	1243600	104	--	--	--	1243704	6798	42078
TOTAL : LIMESTONE		389	--	38055	32307227	28848420	3239574	385454	--	39043	64857773	2198650	1658512
20. MAGNESITE													
	JHARKHAND	1	--	--	--	--	29	--	--	--	29	--	240
	KARNATAKA	1	--	--	--	9133	1345	--	--	--	10478	4574	10944
	TAMIL NADU	4	--	708	82612	90208	9098	--	--	--	182626	69463	10359
	UTTARANCHAL	1	--	--	--	17408	10208	--	--	--	27616	--	--
TOTAL : MAGNESITE		7	--	708	82612	116749	20680	--	--	--	220749	74037	21543

STATEMENT NO. 3.2(CONT..)

Sl. No.	Mineral / State	No. of Mines Using Explosives	N. G. Based (IN KILOGRAMS)		A. N. Based (IN KILOGRAMS)	Slurries (IN KILOGRAMS)		Boosters (IN KILOGRAMS)	Liquid Oxygen (IN KILOGRAMS)	Gun Powder (IN KILOGRAMS)	Total amount of explosives used (IN KILOGRAMS)	Detonators (In Numbers)	
			Large Diameter	Small Diameter		Large Diameter	Small Diameter					Electric	Ordinary
1	2	3	4	5	6	7	8	9	10	11	12	13	14
21. MANGANESE													
	ANDHRA PRADESH	10	--	14	--	12475	11695	--	--	--	24184	4744	31674
	GOA	1	--	--	--	--	40	--	--	--	40	--	282
	KARNATAKA	6	--	--	76950	5220	23277	--	--	--	105447	--	5079
	MADHYA PRADESH	15	--	--	--	289412	174499	--	--	--	463911	557242	66832
	MAHARASHTRA	13	--	--	102900	1086362	13284	--	--	--	1202546	298826	17484
	ORISSA	16	--	872	25570	447468	63107	--	--	--	537017	2804	10292
TOTAL : MANGANESE		61	--	886	205420	1840937	285902	--	--	--	2333145	863616	131643
22. MARBLE													
	GUJARAT	2	--	--	--	2828	887	--	--	--	3715	--	12973
	MADHYA PRADESH	3	--	--	--	--	8051	--	--	--	8051	--	1313
	RAJASTHAN	4	--	--	--	8300	4948	2632	--	--	15880	--	4444
TOTAL : MARBLE		9	--	--	--	11128	13886	2632	--	--	27646	--	18730
23. MICA													
	ANDHRA PRADESH	18	--	25	3190	16127	14947	--	--	--	34289	65070	94718
	BIHAR	3	--	301	--	--	1982	--	--	--	2283	1654	15165
	JHARKHAND	1	--	246	--	--	--	--	--	--	246	--	1980
TOTAL : MICA		22	--	572	3190	16127	16929	--	--	--	36818	66724	111863
24. QUARTZ													
	ANDHRA PRADESH	3	--	--	--	--	4379	--	--	28	4407	8261	--
	CHHATTISHGARH	2	--	--	--	--	7066	--	--	--	7066	29773	--
	JHARKHAND	1	--	--	--	--	8050	--	--	--	8050	20140	--
	ORISSA	2	--	--	--	5612	--	--	--	--	5612	12261	--
	RAJASTHAN	1	--	--	--	--	5365	--	--	--	5365	--	7260
	TELANGANA	5	--	--	--	--	13636	--	--	--	13636	19432	500
	TAMIL NADU	4	--	740	2575	135	918	--	--	299	4667	4433	1683
TOTAL : QUARTZ		18	--	740	2575	5747	39414	--	--	327	48803	94300	9443
25. SANDSTONE													
	RAJASTHAN	1	--	--	28900	9415	--	--	--	--	38315	--	76876
	UTTAR PRADESH	1	--	--	--	19443	--	--	--	--	19443	3602	--
TOTAL : SANDSTONE		2	--	--	28900	28858	--	--	--	--	57758	3602	76876
26. SILICA													
	HARYANA	14	2652	12669	462782	7975	11514	--	--	--	497592	36523	304546
	MAHARASHTRA	2	--	582	--	--	312	--	--	--	894	7118	--
	RAJASTHAN	4	--	--	26221	4180	5158	--	--	--	35559	131	6263
TOTAL : SILICA		20	2652	13251	489003	12155	16984	--	--	--	534045	43772	310809

STATEMENT NO. 3.2(CONT..)

(IN KILOGRAMS)

Sl. No.	Mineral / State	No. of Mines Using Explosives	N. G. Based		A. N. Based	Slurries		Boosters	Liquid Oxygen	Gun Powder	Total amount of explosives used	Detonators (In Numbers)	
			Large Diameter	Small Diameter		Large Diameter	Small Diameter					Electric	Ordinary
1	2	3	4	5	6	7	8	9	10	11	12	13	14
27. SILLIMANITE													
	MAHARASHTRA	1	--	--	--	--	2600	--	--	--	2600	20800	--
28. STEATITE													
	ANDHRA PRADESH	4	--	915	3445	1500	1385	--	--	--	7245	13925	--
	BIHAR	1	--	--	--	--	2115	--	--	--	2115	16920	--
	JHARKHAND	1	--	930	--	--	--	--	--	--	930	4640	--
	MADHYA PRADESH	3	--	3537	10169	--	--	--	--	--	13706	2690	52025
	ORISSA	1	--	--	2617	--	--	--	--	--	2617	17450	--
	RAJASTHAN	23	--	2013	540884	278587	109954	2485	--	--	933923	17586	357847
TOTAL : STEATITE		33	--	7395	557115	280087	113454	2485	--	--	960536	73211	409872
29. STONE													
	ANDHRA PRADESH	1	--	--	--	--	55825	--	--	--	55825	100	16820
	BIHAR	4	--	965	--	14700	4025	--	--	--	19690	39563	--
	GOA	7	--	--	9100	57075	18897	--	--	--	85072	90714	--
	GUJARAT	4	--	1725	34480	11770	13782	--	--	--	61757	31155	20076
	HARYANA	12	22368	3657	1134107	11825	39216	7607	--	--	1218780	1207695	227889
	JHARKHAND	83	--	20876	20818	27449	186110	--	--	--	255253	662758	19875
	KARNATAKA	2	--	--	--	--	20732	--	--	--	20732	52471	--
	KERALA	2	--	22325	--	16394	--	--	--	--	38719	63077	43848
	MAHARASHTRA	10	--	100	54820	3889964	15832	--	--	--	3960716	90998	24019
	ORISSA	2	--	6703	--	--	185	--	--	--	6888	40957	--
	RAJASTHAN	4	8400	--	10000	12000	1350	--	--	--	31750	10104	14700
	TELANGANA	2	--	--	--	--	2243	--	--	--	2243	3120	520
	TAMIL NADU	8	--	4020	42700	98900	38330	--	--	--	183950	167646	261
	WEST BENGAL	19	--	3542	2748	129849	27755	--	--	--	163894	229220	21539
TOTAL : STONE		160	30768	63913	1308773	4269926	424282	7607	--	--	6105269	2689578	389547
30. WOLLASTONITE													
	RAJASTHAN	3	2569	--	123913	6680	2862	--	--	--	136024	72111	8931
TOTAL : METALLIFEROUS		1161	96314	302286	39047823	63776022	9308803	608872	--	59446	113199566	9305808	4087287

SECTION – IV

ACCIDENT

STATEMENT NO. 4.0

Codes for classification of accidents by cause and place of occurrence

Code	Cause of Accident
	Ground movement
0111	Fall of roof
0112	Fall of sides(other than overhangs)
0113	Fall of overhang
0114	Rock burst/bumps
0115	Air blast
0116	Premature collapse of workings/pillars
0117	Subsidence
0118	Landslide
0119	Collapse of shaft
	Transportation machinery(winding)
0221	Overwinding of cages/skip,etc.(upgoing)
0222	Breakage of rope,chain,draw/suspn. gear
0223	Falls of persons from cages,skip,etc.
0224	Falling of objects from cages,skip,etc.
0225	Hit by cages,skip,etc.
0228	Overwinding of cages/skip (downgoing)
0229	Other accident due to winding operation
	Transportation machinery(non winding)
0331	Aerial ropeway
0332	Rope haulage
0333	Other rail transportation
0334	Conveyors
0335	Dumpers
0336	Wagon movements
0339	Wheeled trackless(truck,tanker,etc.)
	Machinery other than transp. machinery
0441	Drilling machines
0442	Cutting machines
0443	Loading machines
0444	Haulage engine
0445	Winding engine
0446	Shovel, dragline, frontend loader, etc.
0447	Crushing & screening plants
0448	Other heavy earth moving machinery
0449	Other non-transportation machinery

Code	Cause of Accident
	Explosives
0551	Solid blasting projectiles
0552	Deep hole blasting projectiles
0553	Secondary blasting projectiles
0554	Other projectiles
0555	Misfires/sockets(while drilling into)
0556	Misfire/socket(other than drilling into)
0557	Delayed ignition
0558	Blown through shots
0559	Other explosive accident
	Electricity
0661	Overhead lines
0662	Trailing cables
0663	Switch gears,gate end boxes,pommel, etc.
0664	Energized machines
0665	Power cables other than trailing cables
0669	Other electrical accidents
	Dust,gas & other combustible material
0771	Occurrence of gas
0772	Influx of gas
0774	Explosion/ignition of gas/dust, etc.
0775	Outbreak of fire or spontaneous heating
0776	Well blowout (with fire)
0777	Well blowout (without fire)
0778	Other combustible material
0779	Other accidents due to dust/gas/fire
	Falls(other than fall of ground)
0881	Fall of person from height/into depth
0882	Fall of persons on the same level
0883	Fall of objects incl. rolling objects
0889	Other accident due to falls
	Other causes
0991	Irruption of water
0992	Flying pieces(except due to explosives)
0993	Drowning in water
0994	Buried in sands, etc.
0995	Bursting/leakage of oil pipe lines
0999	Unclassified

Code	Place of Accident
	BELOW GROUND
	Development area
111	< 10m of development face
112	> 10m and within working district
	Long wall panel
121	> 10m of long wall face
122	Gate roads in long wall panels
	Depillaring / stoping
131	< 10m of face
132	> 10m but < 30m
133	> 30m but within working district
	Outside working district
141	Traveling roadways
149	Unclassified
	Tramming roadways
151	Within district
152	Outside district
	Haulage roadways (within district)
161	Rope haulage roadways
162	Conveyor roadways
163	Loco roadways
169	Unclassified
	Haulage roadways (outside district)
171	Rope haulage roadways
172	Conveyor roadways
173	Loco roadways
179	Unclassified
180	Shaft
199	Other below ground places

Code	Place of Accident
	OPENCAST
	Benches
211	Waste/overburden alluvium
212	Waste/overburden float
213	Waste/overburden hard rock
214	Coal/ore benches
	Quarry (other than benches)
221	Top of the quarry
222	Bed of the quarry
	Roads
231	Haul roads
232	Rope haulage roads
239	Other transportation roads
	Other open cast places
241	Waste dump
249	Other places (specify)
	ABOVE GROUND
	Transportation road/sites
311	Aerial ropeways
312	Rope haulage roads
313	Wheeled trackless transportation roads
314	Railway lines belonging to mines
315	Petroleum pipelines
319	Unclassified
	Plant sites
321	Site of ore handling plants
322	Workshop, powerhouse, engine room, etc.
323	Erection/rigging site
324	Gas col stn/gas comp stn/group gather.
325	Oil wells/water inject wells
329	Unclassified
	Other above ground places
331	Depot
332	Waste dump
333	Water reservoir
339	Unclassified

STATEMENT NO. 4.1

Trend in accidents, resultant casualties and rates

Mineral	Year	Fatal Accidents			Serious Accidents		Rates per 1000 persons employed	
		No. of Accidents	No. of persons		No. of Accidents	No. of persons S/Injured		
			Killed	S/Injured			Death	Serious
1	2	3	4	5	6	7	8	9
COPPER	2004	-	-	-	1	1	-	0.49
	2005	-	-	-	4	4	-	2.07
	2006	-	-	-	-	-	-	-
	2007	-	-	-	1	1	-	0.41
	2008	1	1	2	3	3	0.38	1.91
	2009	1	1	-	5	8	0.33	2.61
	2010	-	-	-	3	3	-	1.03
	2011	1	1	0	8	8	0.31	2.44
	2012	1	1	0	2	2	0.26	0.53
	2013	0	0	0	7	8	0.00	2.14
	2014	1	1	0	1	1	0.27	0.27
GALENA	2004	3	3	-	30	30	0.79	7.94
	2005	1	1	-	24	24	0.31	7.43
	2006	1	1	-	12	12	0.31	3.66
	2007	1	1	-	14	14	0.30	4.24
	2008	2	4	1	21	22	1.22	7.03
	2009	-	-	-	24	28	-	8.33
	2010	1	1	-	7	7	0.29	2.01
	2011	3	4	4	15	16	1.00	5.01
	2012	-	-	-	6	6	-	1.48
	2013	3	3	0	10	10	0.67	2.23
	2014	2	2	1	12	12	0.35	2.26
GOLD	2004	-	-	-	35	35	-	12.83
	2005	-	-	-	10	10	-	3.21
	2006	1	1	1	9	9	0.32	3.19
	2007	1	1	-	6	17	0.33	5.55
	2008	-	-	-	9	9	-	2.94
	2009	1	1	-	15	15	0.49	7.40
	2010	-	-	-	11	11	-	3.62
	2011	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	1	1	0	2	2	0.29	0.59
	2014	0	0	0	2	2	0.00	0.54
IRON	2004	12	13	1	45	47	0.34	1.24
	2005	15	16	2	34	34	0.43	0.96
	2006	15	21	1	21	21	0.51	0.53
	2007	14	14	4	22	23	0.34	0.65
	2008	11	11	1	19	20	0.25	0.47
	2009	8	8	-	20	20	0.17	0.42

Statement 4.1(Coninued…)

Mineral	Year	Fatal Accidents			Serious Accidents		Rates per 1000 persons employed	
		No. of Accidents	No. of persons		No. of Accidents	No. of persons S/Injured		
			Killed	S/Injured			Death	Serious
1	2	3	4	5	6	7	8	9
IRON(Contd…..)	2010	9	11	-	9	9	0.23	0.19
	2011	4	4	0	19	19	0.08	0.36
	2012	3	3	0	6	6	0.05	0.11
	2013	4	5	0	6	6	0.09	0.11
	2014	3	3	1	9	14	0.06	0.30
LIMESTONE	2004	12	13	1	14	14	0.56	0.65
	2005	7	7	-	9	9	0.27	0.35
	2006	12	15	1	6	6	0.59	0.27
	2007	9	13	2	7	7	0.47	0.32
	2008	9	9	-	3	3	0.32	0.11
	2009	2	2	-	4	4	0.07	0.14
	2010	4	5	-	3	4	0.18	0.14
	2011	4	4	0	5	5	0.14	0.17
	2012	4	4	0	4	4	0.13	0.13
	2013	3	3	0	3	3	0.09	0.09
	2014	4	4	2	3	3	0.12	0.15
MANGANESE	2004	3	3	-	9	9	0.21	0.62
	2005	-	-	-	5	5	-	0.34
	2006	2	2	3	7	8	0.15	0.84
	2007	1	1	-	5	5	0.07	0.37
	2008	3	4	-	2	2	0.30	0.15
	2009	-	-	-	2	2	-	0.15
	2010	2	2	-	-	-	0.14	-
	2011	3	3	1	2	2	0.19	0.19
	2012	4	4	0	5	5	0.24	0.30
	2013	2	2	0	0	0	0.11	0.00
	2014	1	1	0	1	1	0.05	0.05
TOTAL :	2004	55	62	8	150	155	0.43	1.14
METALLIFERROUS	2005	47	51	4	93	94	0.36	0.7
	2006	54	67	9	63	64	0.47	0.51
	2007	53	61	13	63	76	0.42	0.69
	2008	49	67	33	63	65	0.43	0.63
	2009	33	41	3	76	83	0.26	0.54
	2010	50	87	4	45	47	0.53	0.31
	2011	41	47	9	65	67	0.27	0.44
	2012	34	36	5	35	35	0.21	0.19
	2013	54	69	12	37	38	0.37	0.27
	2014	34	40	10	34	40	0.22	0.27

Statement 4.1(Coninued…)

Mineral	Year	Fatal Accidents			Serious Accidents		Rates per 1000 persons employed	
		No. of Accidents	No. of persons		No. of Accidents	No. of persons S/Injured		
			Killed	S/Injured			Death	Serious
1	2	3	4	5	6	7	8	9
OIL	2004	2	2	1	38	39	0.10	2.09
	2005	1	1	0	15	15	0.05	0.78
	2006	4	4	0	15	15	0.29	1.08
	2007	3	3	0	16	16	0.16	0.83
	2008	5	6	2	20	20	0.25	0.93
	2009	3	3	0	18	18	0.12	0.72
	2010	4	4	1	16	16	0.14	0.58
	2011	3	3	0	17	17	0.11	0.62
	2012	2	2	0	10	10	0.09	0.44
	2013	4	5	3	15	15	0.19	0.69
	2014	5	5	0	10	10	0.20	0.40
TOTAL : NON-COAL	2004	57	64	9	188	194	0.41	1.25
	2005	48	52	4	108	109	0.32	0.71
	2006	58	71	9	78	79	0.45	0.56
	2007	56	64	13	79	92	0.37	0.61
	2008	54	73	35	83	85	0.41	0.67
	2009	36	44	3	94	101	0.24	0.56
	2010	54	91	5	61	63	0.47	0.35
	2011	44	50	9	82	84	0.25	0.46
	2012	36	38	5	45	45	0.19	0.25
	2013	58	74	15	52	53	0.35	0.32
	2014	39	45	10	44	50	0.24	0.32

Note: Fatal as well as serious accidents are considered in computation of rates for serious injury in this statement as well as in subsequent statements wherever rates for serious injury are presented.

STATEMENT NO. 4.2

Trend in accident rates and placewise death and serious injury rates

Mineral	Year	Accident rate per thousand persons employed		Death rate per thousand persons employed				Serious injury rate per thousand persons employed			
		Fatal	Serious	Below-ground	Open-cast	Above-ground	Overall	Below-ground	Open-cast	Above-ground	Overall
1	2	3	4	5	6	7	8	9	10	11	12
COPPER	2004	-	0.49	-	-	-	-	-	-	1.5	0.49
	2005	-	2.07	-	-	-	-	-	12.9	-	2.07
	2006	-	-	-	-	-	-	-	-	-	-
	2007	-	0.41	-	-	-	-	0.62	-	-	0.41
	2008	0.38	1.15	-	-	1.36	0.38	0.61	-	5.42	1.91
	2009	0.33	1.63	0.53	-	-	0.33	2.11	15.69	-	2.61
	2010	-	1.03	-	-	-	-	1.77	-	-	1.03
	2011	0.27	2.15	-	-	0.83	0.31	3.84	-	0.83	2.44
	2012	0.26	0.53	0.48	-	-	0.26	0.48	-	0.69	0.53
	2013	-	1.87	-	-	-	-	2.40	-	2.09	2.14
	2014	0.27	0.27	0.41	-	-	0.27	-	4.59	-	0.27
GALENA	2004	0.79	7.94	1.79	-	0.49	0.79	18.85	3.26	3.42	7.94
	2005	0.31	7.43	-	-	0.68	0.31	13.46	-	6.75	7.43
	2006	0.31	3.66	0.85	-	-	0.31	5.92	8.77	1.14	3.66
	2007	0.30	4.25	0.87	-	-	0.30	6.10	-	3.95	4.24
	2008	0.61	6.42	0.83	-	1.86	1.22	6.66	-	9.32	7.03
	2009	-	7.14	-	-	-	-	14.14	2.07	5.60	8.33
	2010	0.29	2.01	-	-	0.59	0.29	1.54	4.13	1.76	2.01
	2011	0.75	3.75	-	1.41	1.52	1.00	5.32	1.41	6.09	5.01
	2012	-	1.48	-	-	-	-	2.92	1.41	0.50	1.48
	2013	0.67	2.23	0.85	-	0.47	0.67	2.56	-	1.87	2.23
	2014	0.35	2.09	0.77	-	-	0.35	3.44	3.37	0.45	2.26
GOLD	2004	-	12.83	-	-	-	-	16.73	-	9.57	12.83
	2005	-	3.21	-	-	-	-	5.83	-	0.64	3.21
	2006	0.32	2.87	0.63	-	-	0.32	4.39	-	1.3	3.19
	2007	0.33	1.96	0.66	-	-	0.33	9.91	-	1.29	5.55
	2008	-	2.94	-	-	-	-	3.43	-	2.49	2.94
	2009	0.49	7.40	-	-	0.65	0.49	22.04	-	2.62	7.40
	2010	-	3.62	-	-	-	-	3.91	-	3.33	3.62
	2011	-	-	-	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-	-	-	-
	2013	0.29	0.59	0.59	-	-	0.29	1.18	-	-	0.59
	2014	0.00	0.54	-	-	-	-	1.16	-	-	0.54

Statement 4.2(Coninued…)

Mineral	Year	Accident rate per thousand persons employed		Death rate per thousand persons employed				Serious injury rate per thousand persons employed			
		Fatal	Serious	Below-ground	Open-cast	Above-ground	Overall	Below-ground	Open-cast	Above-ground	Overall
1	2	3	4	5	6	7	8	9	10	11	12
IRON	2004	0.31	1.17	-	0.22	0.5	0.34	-	1.02	1.55	1.24
	2005	0.04	0.91	-	0.36	0.53	0.43	-	0.54	1.58	0.96
	2006	0.36	0.51	-	0.68	0.28	0.51	-	0.42	0.67	0.53
	2007	0.34	0.53	-	0.29	0.35	0.30	-	0.25	1.04	0.46
	2008	0.25	0.42	-	0.27	0.21	0.25	-	0.39	0.58	0.47
	2009	0.17	0.42	-	0.22	0.10	0.17	-	0.25	0.67	0.42
	2010	0.19	0.19	-	0.34	0.10	0.23	-	0.15	0.24	0.19
	2011	0.08	0.36	-	0.10	0.04	0.08	-	0.48	0.21	0.36
	2012	0.05	0.11	-	0.03	0.08	0.05	-	0.17	0.04	0.11
	2013	0.08	0.11	-	0.11	0.08	0.09	-	0.18	0.04	0.11
	2014	0.06	0.18	-	-	0.13	0.06	-	0.34	0.25	0.30
LIMESTONE	2004	0.52	0.56	-	0.63	0.34	0.57	-	0.37	1.55	0.65
	2005	0.27	0.35	-	0.3	0.17	0.27	-	0.25	0.69	0.35
	2006	0.47	0.23	-	0.65	0.35	0.59	-	0.1	0.88	0.27
	2007	0.32	0.25	-	0.51	0.32	0.47	-	0.23	0.65	0.32
	2008	0.32	0.11	-	0.32	0.31	0.32	-	0.09	0.16	0.11
	2009	0.07	0.14	-	0.09	-	0.07	-	0.14	0.15	0.14
	2010	0.14	0.11	-	0.23	-	0.18	-	0.14	0.16	0.14
	2011	0.14	0.17	-	0.13	0.16	0.14	-	0.18	0.16	0.17
	2012	0.13	0.13	-	0.17	-	0.13	-	0.13	0.16	0.13
	2013	0.09	0.09	-	0.12	-	0.09	-	0.08	0.13	0.09
	2014	0.12	0.09	-	0.16	-	0.12	-	0.19	-	0.15
MANGANESE	2004	0.21	0.62	0.33	0.13	0.26	0.21	1.99	-	0.77	0.62
	2005	-	0.34	-	-	-	-	0.71	0.13	0.5	0.34
	2006	0.15	0.53	-	0.29	-	0.15	2.75	0.44	0.27	0.84
	2007	0.07	0.37	-	-	0.25	0.07	1.51	-	0.25	0.37
	2008	0.22	0.15	0.77	0.14	0.26	0.30	-	-	0.52	0.15
	2009	-	0.15	-	-	-	-	0.44	-	0.27	0.15
	2010	0.14	-	0.92	-	-	0.14	-	-	-	-
	2011	0.19	0.13	0.70	0.13	-	0.19	1.05	-	-	0.19
	2012	0.24	0.30	0.69	0.12	0.19	0.24	1.74	-	-	0.30
	2013	0.11	-	0.38	0.12	-	0.11	-	-	-	-
	2014	0.05	0.05	0.35	-	-	0.05	0.35	-	-	0.05

Statement 4.2(Coninued…)

Mineral	Year	Accident rate per thousand persons employed		Death rate per thousand persons employed				Serious injury rate per thousand persons employed			
		Fatal	Serious	Below-ground	Open-cast	Above-ground	Overall	Below-ground	Open-cast	Above-ground	Overall
1	2	3	4	5	6	7	8	9	10	11	12
TOTAL :	2004	0.62	0.15	0.62	0.47	0.32	0.43	6.7	0.52	1.36	1.14
METALLIFERROUS	2005	0.38	0.68	0.38	0.43	0.23	0.36	3.41	0.3	0.99	0.7
	2006	0.38	0.44	0.38	0.62	0.19	0.47	3.2	0.25	0.55	0.51
	2007	0.35	0.42	0.35	0.48	0.31	0.42	3.51	0.29	0.97	0.69
	2008	0.31	0.40	0.44	0.43	0.42	0.43	1.65	0.24	1.21	0.63
	2009	0.21	0.47	0.61	0.32	0.08	0.26	4.00	0.24	0.91	0.54
	2010	0.31	0.28	0.44	0.71	0.21	0.53	1.44	0.21	0.32	0.31
	2011	0.24	0.38	0.20	0.34	0.15	0.27	2.15	0.32	0.36	0.44
	2012	0.19	0.19	0.52	0.26	0.05	0.20	1.67	0.17	0.08	0.22
	2013	0.29	0.20	0.39	0.55	0.08	0.37	1.45	0.21	0.18	0.27
	2014	0.19	0.19	0.36	0.29	0.08	0.22	1.16	0.26	0.14	0.27
OIL	2004	0.10	1.98	-	-	0.1	0.1	-	-	2.09	2.09
	2005	0.05	0.78	-	-	0.05	0.05	-	-	0.78	0.78
	2006	0.29	1.08	-	-	0.29	0.29	-	-	1.08	1.08
	2007	0.16	0.83	-	-	0.16	0.16	-	-	0.83	0.83
	2008	0.21	0.85	-	-	0.25	0.25	-	-	0.93	0.93
	2009	0.12	0.72	-	-	0.12	0.12	-	-	0.72	0.72
	2010	0.14	0.55	-	-	0.14	0.14	-	-	0.58	0.58
	2011	0.11	0.62	-	-	0.11	0.11	-	-	0.62	0.62
	2012	0.09	0.44	-	-	0.09	0.09	-	-	0.44	0.44
	2013	0.15	0.58	-	-	0.19	0.19	-	-	0.69	0.69
	2014	0.20	0.40	-	-	0.20	0.20	-	-	0.40	0.40
TOTAL :	2004	0.36	1.15	0.62	0.48	0.27	0.41	6.7	0.52	1.59	1.25
NON-COAL	2005	0.29	0.68	0.38	0.43	0.17	0.32	3.41	0.3	0.93	0.71
	2006	0.37	0.50	0.38	0.62	0.21	0.45	3.2	0.25	0.67	0.56
	2007	0.33	0.46	0.35	0.48	0.22	0.37	3.51	0.29	0.70	0.61
	2008	0.30	0.46	0.44	0.43	0.37	0.41	1.65	0.24	1.12	0.67
	2009	0.19	0.51	0.60	0.32	0.09	0.24	4.34	0.19	0.64	0.56
	2010	0.28	0.32	0.44	0.71	0.18	0.47	1.44	0.21	0.41	0.35
	2011	0.22	0.41	0.20	0.34	0.14	0.25	2.15	0.32	0.44	0.46
	2012	0.18	0.22	0.52	0.26	0.06	0.19	1.67	0.17	0.18	0.25
	2013	0.27	0.25	0.39	0.55	0.11	0.35	1.45	0.21	0.33	0.32
	2014	0.21	0.24	0.36	0.29	0.15	0.24	1.16	0.28	0.25	0.32

STATEMENT NO. 4.3

Causewise trend in fatal accidents in non-coal mines

Cause / Year	2009	2010	2011	2012	2013	2014
1. GROUND MOVEMENT						
Fall of Roof	4(5)	--	--	3(3)	2(2)	3(3)
Fall of Side	10(15)	14(48)	7(9)	10(10)	13(24)	5(9)
Other Ground Movement	--	--	--	--	--	--
2. TRANSPORTATION MACHINERY (WINDING IN SHAFT)	--	--	1(1)	--	1(2)	2(3)
3. TRANSPORTATION MACHINERY (OTHER THAN WINDING IN SHAFT)						
Rope Haulage	--	--	--	--	--	--
Wheeled Trackless Transp.	8(8)	9(10)	11(12)	4(4)	8(8)	7(7)
Other Transp. Machinery	1(1)	3(3)	--	1(1)	3(3)	--
4. MACHINERY OTHER THAN TRANSPORTATION MACHINERY	3(3)	5(5)	10(10)	5(5)	4(4)	5(5)
5. EXPLOSIVES	1(3)	3(3)	4(7)	4(4)	2(3)	2(3)
6. ELECTRICITY	--	1(1)	--	--	2(2)	3(3)
7. GAS, DUST & OTHER COMBUSTIBLE MATERIAL	1(1)	--	--	--	3(4)	--
8. FALL (OTHER THAN FALLS OF GROUND)						
Fall of Persons	3(3)	6(8)	5(5)	5(5)	9(10)	8(8)
Fall of Objects	5(5)	8(8)	5(5)	3(3)	8(9)	2(2)
Other Falls	--	1(1)	--	--	--	1(1)
9. OTHER CAUSES						
Irruption of Water	--	--	--	--	--	--
Flying Pieces	--	1(1)	1(1)	1(3)	2(2)	--
Miscellaneous	--	3(3)	--	--	1(1)	1(1)
T O T A L	36(44)	54(91)	44(50)	36(38)	58(74)	39(45)
BELOW GROUND :	4(5)	4(4)	2(2)	5(5)	4(4)	4(4)
OPENCAST :	25(32)	35(72)	32(36)	26(28)	45(60)	25(31)
ABOVE GROUND :	7(7)	15(15)	10(12)	5(5)	9(10)	10(10)

NOTE : Figures within parentheses denote the number of persons killed.

STATEMENT NO. 4.4

Causewise trend in serious accidents in non-coal mines

Cause / Year	2009	2010	2011	2012	2013	2014
1. GROUND MOVEMENT						
Fall of Roof	1(1)	1(1)	2(2)	5(5)	2(2)	0(1)
Fall of Side	0(3)	0(3)	3(4)	3(5)	0(6)	0(1)
Other Ground Movement	--	--	--	--	--	--
2. TRANSPORTATION MACHINERY (WINDING IN SHAFT)	3(6)	2(2)	2(3)	3(3)	0(1)	2(4)
3. TRANSPORTATION MACHINERY (OTHER THAN WINDING IN SHAFT)						
Rope Haulage	--	--	--	--	--	--
Wheeled Trackless Transp.	6(9)	2(2)	4(8)	3(3)	6(8)	4(9)
Other Transp. Machinery	5(5)	3(3)	6(6)	--	--	2(2)
4. MACHINERY OTHER THAN TRANSPORTATION MACHINERY	13(14)	10(10)	15(15)	8(8)	12(12)	11(13)
5. EXPLOSIVES	1(1)	1(3)	0(4)	1(4)	0(1)	0(3)
6. ELECTRICITY	3(3)	2(2)	3(4)	--	--	1(1)
7. GAS, DUST & OTHER COMBUSTIBLE MATERIAL	--	2(2)	--	--	0(2)	2(4)
8. FALL (OTHER THAN FALLS OF GROUND)						
Fall of Persons	13(13)	13(13)	22(22)	8(8)	11(12)	10(10)
Fall of Objects	26(26)	16(18)	18(18)	12(12)	16(19)	9(9)
Other Falls	--	2(2)	1(1)	--	1(1)	--
9. OTHER CAUSES						
Irruption of Water	--	--	--	--	--	--
Flying Pieces	--	1(1)	--	1(1)	1(1)	1(1)
Miscellaneous	23(23)	6(6)	6(6)	1(1)	3(3)	2(2)
T O T A L	94(104)	61(68)	82(93)	45(50)	52(68)	44(60)
BELOW GROUND :	33(36)	12(13)	20(21)	16(16)	15(15)	12(13)
OPENCAST :	13(19)	16(21)	30(34)	15(20)	11(23)	18(30)
ABOVE GROUND :	48(49)	33(34)	32(38)	14(14)	26(30)	14(17)

NOTE : Figures within parentheses denote the number of persons seriously injured. This also includes serious injury out of fatal accidents.

STATEMENT 4.5

Causewise trend in dangerous occurrences in non-coal mines

Sl.	Classification	2008	2009	2010	2011	2012	2013	2014
1	Overwinding of cages, Skip of bucket	-	1	-	-	-	-	-
2	Outbreak of fire-underground	-	-	-	-	2	-	1
3	Outbreak of fire on surface	-	1	2	1	3	-	4
4	Premature collapse of workings or failure of pillars	-	-	-	-	-	-	-
5	Breakage of winding rope	-	-	-	-	-	-	-
6	Breakdown of winding engine, crank shaft, bearing, etc.	1	-	-	-	-	-	-
7	Ignition or occurrence of inflammable gas	-	-	-	-	-	-	-
8	Breakage, fracture or failure of essential parts of machinery or apparatus whereby safety of persons were endangered	1	-	-	-	-	-	-
9	Rock burst	-	-	-	-	-	-	-
10	Irruption of water	-	-	-	1	-	1	-
11	Bursting of high-pressure equipment	-	-	-	-	-	-	-
12	Oil well blow out without fire	1	2	-	-	-	-	-
13	Others	1	4	2	4	5	1	1
TOTAL		**4**	**8**	**4**	**6**	**10**	**2**	**6**

STATEMENT NO. 4.6a

Accidents and placewise casualties in non-coal mines by state-district wise in 2014

Sl. No.	Mineral/State/District	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured					
				Below Ground	Opencast		Above Ground		Total	Below Ground	Opencast		Above Ground		Total
		Fatal	Serious	Male	Male	Female	Male	Female		Male	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	OIL														
	ANDHRA PRADESH														
	East Godavari	1	1	0	0	0	1	0	1	0	0	0	1	0	1
TOTAL :	ANDHRA PRADESH	1	1	0	0	0	1	0	1	0	0	0	1	0	1
	ASSAM														
	Dibrugarh	2	3	0	0	0	2	0	2	0	1	0	2	0	3
	Sibsagar	0	1	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL :	ASSAM	2	4	0	0	0	2	0	2	0	1	0	3	0	4
	GUJARAT														
	Ahmedabad	0	1	0	0	0	0	0	0	0	0	0	1	0	1
	Mehasana	0	1	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL :	GUJARAT	0	2	0	0	0	0	0	0	0	0	0	2	0	2
	RAJASTHAN														
	Barmer	0	1	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL :	RAJASTHAN	0	1	0	0	0	0	0	0	0	0	0	1	0	1
	TAMIL NADU														
	Thanjavur	1	1	0	0	0	1	0	1	0	1	0	0	0	1
TOTAL :	TAMIL NADU	1	1	0	0	0	1	0	1	0	1	0	0	0	1
	TRIPURA														
	West Tripura	0	1	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL :	TRIPURA	0	1	0	0	0	0	0	0	0	0	0	1	0	1
	WEST BENGAL														
	Burdwan	1	0	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL :	WEST BENGAL	1	0	0	0	0	1	0	1	0	0	0	0	0	0
ALL INDIA :	OIL	5	10	0	0	0	5	0	5	0	2	0	8	0	10

Statement 4.6a (continued)

Sl. No.	Mineral/State/District	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured					
				Below Ground	Opencast		Above Ground		Total	Below Ground	Opencast		Above Ground		Total
		Fatal	Serious	Male	Male	Female	Male	Female		Male	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2.	ASBESTOS														
	RAJASTHAN														
	Udaipur	2	0	0	2	0	0	0	2	0	0	0	0	0	0
TOTAL :	RAJASTHAN	2	0	0	2	0	0	0	2	0	0	0	0	0	0
ALL INDIA :	ASBESTOS	2	0	0	2	0	0	0	2	0	0	0	0	0	0
3.	CHINA CLAY, CLAY, WHITE-CLAY														
	KERALA														
	Thiruvananthapuram	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	KERALA	1	0	0	1	0	0	0	1	0	0	0	0	0	0
ALL INDIA :	CHINA CLAY, CLAY, WHITE-CLAY	1	0	0	1	0	0	0	1	0	0	0	0	0	0
4.	CHROMITE														
	ORISSA														
	Keonjhar	0	2	0	0	0	0	0	0	1	0	0	1	0	2
	Jajpur	0	1	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL :	ORISSA	0	3	0	0	0	0	0	0	1	1	0	1	0	3
ALL INDIA :	CHROMITE	0	3	0	0	0	0	0	0	1	1	0	1	0	3

Statement 4.6a (continued)

Sl. No.	Mineral/State/District	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured					
				Below Ground	Opencast		Above Ground		Total	Below Ground	Opencast		Above Ground		Total
		Fatal	Serious	Male	Male	Female	Male	Female		Male	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
5. COPPER															
	RAJASTHAN														
	Jhunjhunu	1	1	1	0	0	0	0	1	0	1	0	0	0	1
TOTAL :	RAJASTHAN	1	1	1	0	0	0	0	1	0	1	0	0	0	1
ALL INDIA :	COPPER	1	1	1	0	0	0	0	1	0	1	0	0	0	1
6. DOLOMITE															
	ANDHRA PRADESH														
	Khammam	1	2	0	1	0	0	0	1	0	3	0	0	0	3
TOTAL :	ANDHRA PRADESH	1	2	0	1	0	0	0	1	0	3	0	0	0	3
ALL INDIA :	DOLOMITE	1	2	0	1	0	0	0	1	0	3	0	0	0	3
7. GALENA & SPHALARITE															
	RAJASTHAN														
	Bhilwara	0	8	0	0	0	0	0	0	6	1	0	1	0	8
	Udaipur	1	3	1	0	0	0	0	1	1	2	0	0	0	3
	Rajsamand	1	1	1	0	0	0	0	1	2	0	0	0	0	2
TOTAL :	RAJASTHAN	2	12	2	0	0	0	0	2	9	3	0	1	0	13
ALL INDIA :	GALENA & SPHALARITE	2	12	2	0	0	0	0	2	9	3	0	1	0	13

Statement 4.6a (continued)

Sl. No.	Mineral/State/District	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured					
				Below Ground	Opencast		Above Ground		Total	Below Ground	Opencast		Above Ground		Total
		Fatal	Serious	Male	Male	Female	Male	Female		Male	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
8. GOLD															
	KARNATAKA														
	Raichur	0	2	0	0	0	0	0	0	2	0	0	0	0	2
TOTAL :	KARNATAKA	0	2	0	0	0	0	0	0	2	0	0	0	0	2
ALL INDIA :	GOLD	0	2	0	0	0	0	0	0	2	0	0	0	0	2
9. GRANITE															
	ANDHRA PRADESH														
	Karimnagar	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	ANDHRA PRADESH	1	0	0	1	0	0	0	1	0	0	0	0	0	0
	MADHYA PRADESH														
	Chhatarpur	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	MADHYA PRADESH	1	0	0	1	0	0	0	1	0	0	0	0	0	0
ALL INDIA :	GRANITE	2	0	0	2	0	0	0	2	0	0	0	0	0	0
10. GYPSUM															
	RAJASTHAN														
	Bikaner	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	RAJASTHAN	1	0	0	1	0	0	0	1	0	0	0	0	0	0
ALL INDIA :	GYPSUM	1	0	0	1	0	0	0	1	0	0	0	0	0	0

Statement 4.6a (continued)

Sl. No.	Mineral/State/District	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured					
				Below Ground	Opencast		Above Ground		Total	Below Ground	Opencast		Above Ground		Total
		Fatal	Serious	Male	Male	Female	Male	Female		Male	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
11.	IRON														
	CHHATTISGARH														
	Durg	0	1	0	0	0	0	0	0	0	0	0	3	0	3
	Dantewara	0	2	0	0	0	0	0	0	0	2	0	1	0	3
TOTAL :	CHHATTISGARH	0	3	0	0	0	0	0	0	0	2	0	4	0	6
	JHARKHAND														
	West Singbhum	0	1	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL :	JHARKHAND	0	1	0	0	0	0	0	0	0	1	0	0	0	1
	KARNATAKA														
	Bellary	1	1	0	0	0	1	0	1	0	1	0	1	0	2
TOTAL :	KARNATAKA	1	1	0	0	0	1	0	1	0	1	0	1	0	2
	ORISSA														
	Keonjhar	1	4	0	0	0	1	0	1	0	5	0	1	0	6
TOTAL :	ORISSA	1	4	0	0	0	1	0	1	0	5	0	1	0	6
	RAJASTHAN														
	Bhilwara	1	0	0	0	0	1	0	1	0	0	0	0	0	0
TOTAL :	RAJASTHAN	1	0	0	0	0	1	0	1	0	0	0	0	0	0
ALL INDIA :	IRON	3	9	0	0	0	3	0	3	0	9	0	6	0	15
12.	LIMESTONE														
	GUJARAT														
	Junagadh	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	GUJARAT	1	0	0	1	0	0	0	1	0	0	0	0	0	0

Statement 4.6a (continued)

Sl. No.	Mineral/State/District	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured					
				Below Ground	Opencast		Above Ground		Total	Below Ground	Opencast		Above Ground		Total
		Fatal	Serious	Male	Male	Female	Male	Female		Male	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	MADHYA PRADESH														
	Damoh	0	1	0	0	0	0	0	0	0	1	0	0	0	1
	Satna	1	1	0	1	0	0	0	1	0	2	0	0	0	2
TOTAL :	MADHYA PRADESH	1	2	0	1	0	0	0	1	0	3	0	0	0	3
	MAHARASHTRA														
	Chandrapur	0	1	0	0	0	0	0	0	0	1	0	0	0	1
TOTAL :	MAHARASHTRA	0	1	0	0	0	0	0	0	0	1	0	0	0	1
	TAMIL NADU														
	Salem	1	0	0	1	0	0	0	1	0	1	0	0	0	1
	Tirunelveli	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	TAMIL NADU	2	0	0	2	0	0	0	2	0	1	0	0	0	1
ALL INDIA :	LIMESTONE	4	3	0	4	0	0	0	4	0	5	0	0	0	5
13.	MANGANESE														
	MADHYA PRADESH														
	Balaghat	1	0	1	0	0	0	0	1	0	0	0	0	0	0
TOTAL :	MADHYA PRADESH	1	0	1	0	0	0	0	1	0	0	0	0	0	0
	MAHARASHTRA														
	Nagpur	0	1	0	0	0	0	0	0	1	0	0	0	0	1
TOTAL :	MAHARASHTRA	0	1	0	0	0	0	0	0	1	0	0	0	0	1
ALL INDIA :	MANGANESE	1	1	1	0	0	0	0	1	1	0	0	0	0	1

Statement 4.6a (continued)

Sl. No.	Mineral/State/District	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured					
				Below Ground	Opencast		Above Ground		Total	Below Ground	Opencast		Above Ground		Total
		Fatal	Serious	Male	Male	Female	Male	Female		Male	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
14.	MARBLE														
	RAJASTHAN														
	Nagaur	2	0	0	3	0	0	0	3	0	2	0	0	0	2
	Udaipur	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	RAJASTHAN	3	0	0	4	0	0	0	4	0	2	0	0	0	2
ALL INDIA :	MARBLE	3	0	0	4	0	0	0	4	0	2	0	0	0	2
15.	MICA														
	RAJASTHAN														
	Ajmer	1	0	0	2	0	0	0	2	0	0	0	0	0	0
TOTAL :	RAJASTHAN	1	0	0	2	0	0	0	2	0	0	0	0	0	0
ALL INDIA :	MICA	1	0	0	2	0	0	0	2	0	0	0	0	0	0
16.	SILLIMANITE														
	ORISSA														
	Ganjam	0	1	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL :	ORISSA	0	1	0	0	0	0	0	0	0	0	0	1	0	1
ALL INDIA :	SILLIMANITE	0	1	0	0	0	0	0	0	0	0	0	1	0	1
17.	STEATITE														
	RAJASTHAN														
	Pratapgarh	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	RAJASTHAN	1	0	0	1	0	0	0	1	0	0	0	0	0	0

Statement 4.6a (continued)

Sl. No.	Mineral/State/District	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured					
				Below Ground	Opencast		Above Ground		Total	Below Ground	Opencast		Above Ground		Total
		Fatal	Serious	Male	Male	Female	Male	Female		Male	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	UTTARANCHAL														
	Almora	1	0	0	1	0	0	0	1	0	0	0	0	0	0
	Bageshwer	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	UTTARANCHAL	2	0	0	2	0	0	0	2	0	0	0	0	0	0
ALL INDIA :	STEATITE	3	0	0	3	0	0	0	3	0	0	0	0	0	0
18.	STONE														
	Warangal	1	0	0	2	0	0	0	2	0	3	0	0	0	3
TOTAL :		1	0	0	2	0	0	0	2	0	3	0	0	0	3
	JHARKHAND														
	Pakur	2	0	0	5	0	0	0	5	0	0	0	0	0	0
TOTAL :	JHARKHAND	2	0	0	5	0	0	0	5	0	0	0	0	0	0
	RAJASTHAN														
	Dausa	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	RAJASTHAN	1	0	0	1	0	0	0	1	0	0	0	0	0	0
	TAMIL NADU														
	Kancheepuram	1	0	0	1	0	0	0	1	0	0	0	0	0	0
TOTAL :	TAMIL NADU	1	0	0	1	0	0	0	1	0	0	0	0	0	0
	UTTAR PRADESH														
	Sonebhadra	1	0	0	1	0	0	0	1	0	0	0	0	0	0
	Mahoba	1	0	0	1	0	0	0	1	0	1	0	0	0	1
TOTAL :	UTTAR PRADESH	2	0	0	2	0	0	0	2	0	1	0	0	0	1
ALL INDIA :	STONE	7	0	0	11	0	0	0	11	0	4	0	0	0	4

Statement 4.6a (continued)

Sl. No.	Mineral/State/District	Number of Accidents		Number of Persons Killed						Number of Persons Seriously Injured					
				Below Ground	Opencast		Above Ground		Total	Below Ground	Opencast		Above Ground		Total
		Fatal	Serious	Male	Male	Female	Male	Female		Male	Male	Female	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
19.	ATOMIC MINERAL														
	JHARKHAND														
	West Singbhum	1	0	0	0	0	1	0	1	0	0	0	0	0	0
	East Singhbhum	1	0	0	0	0	1	0	1	0	0	0	0	0	0
	TOTAL : JHARKHAND	2	0	0	0	0	2	0	2	0	0	0	0	0	0
	ALL INDIA : ATOMIC MINERAL	2	0	0	0	0	2	0	2	0	0	0	0	0	0
	ALL INDIA : ALL NON-COAL MINERALS	39	44	4	31	0	10	0	45	13	30	0	17	0	60

STATEMENT NO. 4.6b

Placewise casualty rates by state-district wise in 2014

Sl. No.	Mineral/State/District	Death Rate per Thousand Persons Employed				Serious Injury Rate per Thousand Persons Employed			
		B.G.	O.C.	A.G.	Overall	B.G.	O.C.	A.G.	Overall
1	2	3	4	5	6	7	8	9	10
1.	OIL								
	ANDHRA PRADESH								
	East Godavari	...	...	0.54	0.54	...	...	0.54	0.54
	TOTAL : ANDHRA PRADESH	...	...	0.54	0.54	...	...	0.54	0.54
	ASSAM								
	Dibrugarh	...	...	0.80	0.80	...	...	0.80	1.20
	Sibsagar	...	...	...	...	...	...	0.26	0.26
	TOTAL : ASSAM	...	...	0.31	0.31	...	...	0.46	0.62
	GUJARAT								
	Ahmedabad	...	...	...	...	...	...	0.80	0.80
	Mehasana	...	...	...	...	...	...	0.30	0.30
	TOTAL : GUJARAT	...	...	...	...	...	...	0.27	0.27
	RAJASTHAN								
	Barmer	...	...	...	...	...	...	0.31	0.31
	TOTAL : RAJASTHAN	...	...	...	...	...	...	0.30	0.30
	TAMIL NADU								
	Thanjavur	...	...	2.16	2.16	...	...	...	2.16
	TOTAL : TAMIL NADU	...	...	1.36	1.36	...	...	...	1.36
	TRIPURA								
	West Tripura	...	...	...	...	...	...	4.48	4.48
	TOTAL : TRIPURA	...	...	...	...	...	...	4.48	4.48
	WEST BENGAL								
	Burdwan	...	...	0.57	0.57	...	...	...	...
	TOTAL : WEST BENGAL	...	...	0.48	0.48	...	...	...	...
	ALL INDIA : OIL	...	...	0.20	0.20	...	...	0.40	0.40
2.	ASBESTOS								
	RAJASTHAN								
	Udaipur	.....	Employment figures not available		.....				
	TOTAL : RAJASTHAN	.....	Employment figures not available		.....				
	ALL INDIA : ASBESTOS	...	2000.00	...	1000.00	...	...	...	...
3.	CHINA CLAY,CLAY,WHITE-CLAY								
	KERALA								
	Thiruvananthapuram	...	200.00	...	142.86	...	...	...	...
	TOTAL : KERALA	...	4.98	...	1.65	...	...	...	...

Statement 4.6b (continued)

Sl. No.	Mineral/State/District	Death Rate per Thousand Persons Employed				Serious Injury Rate per Thousand Persons Employed			
		B.G.	O.C.	A.G.	Overall	B.G.	O.C.	A.G.	Overall
1	2	3	4	5	6	7	8	9	10
	ALL INDIA : CHINA CLAY,CLAY,WHITE-CLAY	...	0.65	...	0.36	...	...	...	...
4.	CHROMITE								
	ORISSA								
	Keonjhar	...	...	...	...	1.40	...	1.32	1.36
	Jajpur	...	...	...	...	...	0.28	...	0.12
	TOTAL : ORISSA	...	...	...	...	1.24	0.28	0.17	0.29
	ALL INDIA : CHROMITE	...	...	...	...	1.15	0.27	0.17	0.28
5.	COPPER								
	RAJASTHAN								
	Jhunjhunu	0.67	...	...	0.49	...	...	...	0.49
	TOTAL : RAJASTHAN	0.67	...	...	0.49	...	...	...	0.49
	ALL INDIA : COPPER	0.41	...	...	0.27	...	4.59	...	0.27
6.	DOLOMITE								
	ANDHRA PRADESH								
	Khammam	.....	Employment figures not available						.....
	TOTAL : ANDHRA PRADESH	...	3.91	...	3.85	...	3.91	...	3.85
	TELANGANA								
	Khammam	...	...	...	...	...	37.04	...	13.79
	TOTAL : TELANGANA	...	...	...	...	...	37.04	...	13.79
	ALL INDIA : DOLOMITE	...	0.54	...	0.36	...	1.63	...	1.09
7.	GALENA & SPHALARITE								
	RAJASTHAN								
	Bhilwara	...	...	...	...	46.51	1.12	0.93	3.82
	Udaipur	0.88	...	...	0.58	0.88	...	...	1.74
	Rajsamand	0.78	...	...	0.56	1.56	...	...	1.13
	TOTAL : RAJASTHAN	0.77	...	...	0.35	3.46	3.37	0.45	2.28
	ALL INDIA : GALENA & SPHALARITE	0.77	...	...	0.35	3.44	3.37	0.45	2.26
8.	GOLD								
	KARNATAKA								
	Raichur	...	...	...	...	1.19	...	...	0.55
	TOTAL : KARNATAKA	...	...	...	...	1.19	...	...	0.55

Statement 4.6b (continued)

Sl. No.	Mineral/State/District	Death Rate per Thousand Persons Employed				Serious Injury Rate per Thousand Persons Employed			
		B.G.	O.C.	A.G.	Overall	B.G.	O.C.	A.G.	Overall
1	2	3	4	5	6	7	8	9	10
	ALL INDIA : GOLD	...	...	...	...	1.16	...	...	0.54
9.	GRANITE								
	ANDHRA PRADESH								
	Karimnagar	.....	Employment figures not available						.....
	TOTAL : ANDHRA PRADESH	...	0.22	...	0.16	...	...	...	...
	MADHYA PRADESH								
	Chhatarpur	...	5.41	...	4.88	...	...	...	...
	TOTAL : MADHYA PRADESH	...	5.41	...	4.88	...	...	...	...
	ALL INDIA : GRANITE	...	0.20	...	0.16	...	...	...	...
10.	GYPSUM								
	RAJASTHAN								
	Bikaner	...	13.16	...	8.40	...	...	...	...
	TOTAL : RAJASTHAN	...	7.46	...	4.57	...	...	...	...
	ALL INDIA : GYPSUM	...	4.37	...	3.01	...	...	...	...
11.	IRON								
	CHHATTISGARH								
	Durg	...	...	...	...	...	...	2.41	1.27
	Dantewara	...	...	...	...	...	2.95	0.97	1.75
	TOTAL : CHHATTISGARH	...	...	...	...	...	0.77	1.60	1.18
	JHARKHAND								
	West Singbhum	...	...	...	...	...	0.43	...	0.13
	TOTAL : JHARKHAND	...	...	...	...	...	0.43	...	0.13
	KARNATAKA								
	Bellary	...	...	0.62	0.18	...	0.25	0.62	0.36
	TOTAL : KARNATAKA	...	...	0.54	0.14	...	0.18	0.54	0.27
	ORISSA								
	Keonjhar	...	...	0.12	0.06	...	0.68	0.12	0.38
	TOTAL : ORISSA	...	...	0.08	0.04	...	0.42	0.08	0.25
	RAJASTHAN								
	Bhilwara	...	...	2.93	1.31	...	...	...	...
	TOTAL : RAJASTHAN	...	...	2.82	1.20	...	...	...	...
	ALL INDIA : IRON	...	...	0.13	0.06	...	0.34	0.25	0.30

Statement 4.6b (continued)

Sl. No.	Mineral/State/District	Death Rate per Thousand Persons Employed				Serious Injury Rate per Thousand Persons Employed			
		B.G.	O.C.	A.G.	Overall	B.G.	O.C.	A.G.	Overall
1	2	3	4	5	6	7	8	9	10
12.	LIMESTONE								
	GUJARAT								
	Junagadh	...	0.91	...	0.86	...	...	...	...
	TOTAL : GUJARAT	...	0.52	...	0.46	...	...	...	...
	MADHYA PRADESH								
	Damoh	...	...	...	...	...	5.99	...	3.58
	Satna	...	0.87	...	0.67	...	1.74	...	1.35
	TOTAL : MADHYA PRADESH	...	0.30	...	0.23	...	0.90	...	0.68
	MAHARASHTRA								
	Chandrapur	...	...	...	...	...	2.14	...	1.65
	TOTAL : MAHARASHTRA	...	...	...	...	...	1.72	...	1.33
	TAMIL NADU								
	Salem	...	4.39	...	3.64	...	4.39	...	3.64
	Tirunelveli	...	3.17	...	2.83	...	...	...	...
	TOTAL : TAMIL NADU	...	1.02	...	0.87	...	0.51	...	0.44
	ALL INDIA : LIMESTONE	...	0.16	...	0.12	...	0.19	...	0.15
13.	MANGANESE								
	MADHYA PRADESH								
	Balaghat	0.59	...	...	0.30	...	...	...	...
	TOTAL : MADHYA PRADESH	0.59	...	...	0.26	...	...	...	...
	MAHARASHTRA								
	Nagpur	...	...	...	...	1.71	...	...	0.58
	TOTAL : MAHARASHTRA	...	...	...	...	0.89	...	...	0.18
	ALL INDIA : MANGANESE	0.35	...	...	0.05	0.35	...	...	0.05
14.	MARBLE								
	RAJASTHAN								
	Nagaur	.....	Employment figures not available						.....
	Udaipur	.....	Employment figures not available						.....
	TOTAL : RAJASTHAN	...	3.28	...	2.58	...	1.64	...	1.29
	ALL INDIA : MARBLE	...	2.59	...	2.04	...	1.29	...	1.02
15.	MICA								
	RAJASTHAN								
	Ajmer	.....	Employment figures not available						.....
	TOTAL : RAJASTHAN	...	166.67	...	166.67	...	...	...	...

Statement 4.6b (continued)

Sl. No.	Mineral/State/District	Death Rate per Thousand Persons Employed				Serious Injury Rate per Thousand Persons Employed			
		B.G.	O.C.	A.G.	Overall	B.G.	O.C.	A.G.	Overall
1	2	3	4	5	6	7	8	9	10
	ALL INDIA : MICA	...	13.61	...	3.45	...	...	...	...
16.	SILLIMANITE								
	ORISSA								
	Ganjam	...	...	...	...	...	...	1.17	1.03
	TOTAL : ORISSA	...	...	...	...	...	...	1.17	1.03
	ALL INDIA : SILLIMANITE	...	...	...	...	...	...	0.52	0.34
17.	STEATITE								
	RAJASTHAN								
	Pratapgarh	...	2.95	...	2.28	...	...	...	...
	TOTAL : RAJASTHAN	...	0.51	...	0.37	...	...	...	...
	UTTARANCHAL								
	Almora	...	25.00	...	22.22	...	...	...	...
	Bageshwer	...	0.85	...	0.77	...	...	...	...
	TOTAL : UTTARANCHAL	...	1.65	...	1.48	...	...	...	...
	ALL INDIA : STEATITE	...	0.81	...	0.64	...	...	...	...
18.	STONE								
	ANDHRA PRADESH								
	Warangal	.....	Employment figures not available					.....	
	TOTAL : ANDHRA PRADESH	...	29.85	...	28.99	...	44.78	...	43.48
	JHARKHAND								
	Pakur	...	9.28	...	4.44	...	...	...	...
	TOTAL : JHARKHAND	...	4.79	...	2.37	...	...	...	...
	RAJASTHAN								
	Dausa	...	24.39	...	16.67	...	...	...	...
	TOTAL : RAJASTHAN	...	3.56	...	2.62	...	...	...	...
	TAMIL NADU								
	Kancheepuram	...	7.09	...	6.25	...	...	...	...
	TOTAL : TAMIL NADU	...	2.25	...	1.86	...	...	...	...
	UTTAR PRADESH								
	Sonebhadra	.....	Employment figures not available					.....	
	Mahoba	.....	Employment figures not available					.....	
	TOTAL : UTTAR PRADESH	.....	Employment figures not available					.....	
	ALL INDIA : STONE	...	2.08	...	1.47	...	0.76	...	0.53

Statement 4.6b (continued)

Sl. No.	Mineral/State/District	Death Rate per Thousand Persons Employed				Serious Injury Rate per Thousand Persons Employed			
		B.G.	O.C.	A.G.	Overall	B.G.	O.C.	A.G.	Overall
1	2	3	4	5	6	7	8	9	10
19.	ATOMIC MINERAL								
	JHARKHAND								
	West Singbhum	.....		Employment figures not available				.....	
	East Singhbhum	.....		Employment figures not available				.....	
	TOTAL : JHARKHAND	.....		Employment figures not available				.....	
	ALL INDIA : ATOMIC MINERAL	.....		Employment figures not available				.....	
	ALL INDIA : ALL NON-COAL MINERALS	0.36	0.29	0.15	0.24	1.16	0.28	0.25	0.32

STATEMENT NO. 4.7

Number of accidents and casualties/seriously injured persons in non-coal mines by place and detailed cause in 2014

CAUSE OF ACCIDENT	BELOW GROUND					OPEN CAST					ABOVE GROUND					TOTAL				
	Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident	
	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Galena & Sphalarite	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0
Manganese	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL : Fall of Roof	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1	0	0
Granite	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Mica	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2	0	0	0
Stone	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	1	4	0	0	0
TOTAL : Fall of Sides (Other than Overhangs)	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	3	7	0	0	0
Limestone	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Stone	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0
TOTAL : Fall of Overhangs	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	2	2	1	0	0
TOTAL : GROUND MOVEMENT	3	3	1	0	0	5	9	1	0	0	0	0	0	0	0	8	12	2	0	0
Marble	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	1	2	2	0	0
TOTAL : Breakage of Rope,Chain,Craw/Suspn. Gear	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	1	2	2	0	0
Oil	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	1	1
Galena & Sphalarite	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
TOTAL : Hit by Cages, Skip etc.	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	0	2	2
TOTAL : TRANSPORTATION MACHINERY (WINDING)	0	0	0	0	0	1	2	2	1	1	1	1	0	1	1	2	3	2	2	2
Galena & Sphalarite	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Iron	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
TOTAL : Conveyors	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	2	2

Statement 4.7 (continued)

CAUSE OF ACCIDENT	BELOW GROUND					OPEN CAST					ABOVE GROUND					TOTAL				
	Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident	
	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
China Clay,Clay,White-clay	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Iron	0	0	0	0	0	0	0	0	1	3	1	1	1	0	0	1	1	1	1	3
Limestone	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	2	2	2	0	0
Sillimanite	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
Stone	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL : Dumpers	0	0	0	0	0	4	4	2	1	3	1	1	1	1	1	5	5	3	2	4
Galena & Sphalarite	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	2	2
Stone	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Atomic Mineral	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
TOTAL : Wheeled Trackless(Truck,Tanker,etc.)	0	0	0	0	0	1	1	0	1	1	1	1	0	1	1	2	2	0	2	2
TOTAL : TRANSPORTATION MACHINERY (NON-WINDING)	0	0	0	1	1	5	5	2	3	5	2	2	1	2	2	7	7	3	6	8
Atomic Mineral	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
TOTAL : Drilling Machines	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
Limestone	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
TOTAL : Shovel, Draglines, Frontend Loader, etc.	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Iron	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
TOTAL : Crushing & Screening Plants	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
Dolomite	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2
Iron	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	1	1	0	1	2
Marble	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Steatite	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL : Other Heavy Earth Moving Machinery	0	0	0	0	0	2	2	0	2	4	1	1	0	0	0	3	3	0	2	4

Statement 4.7 (continued)

CAUSE OF ACCIDENT	BELOW GROUND					OPEN CAST					ABOVE GROUND					TOTAL				
	Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident	
	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
Chromite	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Copper	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Galena & Sphalarite	0	0	0	2	2	0	0	0	1	1	0	0	0	0	0	0	0	0	3	3
Gold	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Limestone	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
TOTAL : Other Non-Transportation Machinery	0	0	0	3	3	0	0	0	4	4	0	0	0	1	1	0	0	0	8	8
TOTAL : MACHINERY OTHER THAN TRANSP. MACHINERY	0	0	0	3	3	2	2	0	7	9	3	3	0	1	1	5	5	0	11	13
Stone	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0	2	3	3	0	0
TOTAL : Other Explosive Accidents	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0	2	3	3	0	0
TOTAL : EXPLOSIVES	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0	2	3	3	0	0
Oil	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
TOTAL : Overhead Lines	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0
Dolomite	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL : Energized Machines	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
Gypsum	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL : Other Electrical Accidents	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	1	1
TOTAL : ELECTRICITY	0	0	0	0	0	2	2	0	0	0	1	1	0	1	1	3	3	0	1	1

Statement 4.7 (continued)

CAUSE OF ACCIDENT	BELOW GROUND					OPEN CAST					ABOVE GROUND					TOTAL				
	Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident	
	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
TOTAL : Explosion/Ignition of Gas/Dust etc.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
Iron	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	1	3
TOTAL : Other Accidents due to Dust/Gas/Fire	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	1	3
TOTAL : DUST, GAS & OTHER COMBUSTIBLE MATERIAL	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	2	4
Oil	0	0	0	0	0	0	0	0	1	1	2	2	0	1	1	2	2	0	2	2
Asbestos	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Chromite	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
Galena & Sphalarite	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Granite	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Iron	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	2
Limestone	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Marble	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Steatite	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	2	0	0	0
Stone	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL : Fall of Person from Height/into Depth	0	0	0	1	1	6	6	0	4	4	2	2	0	2	2	8	8	0	7	7
Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
Iron	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	2	2
TOTAL : Fall of Persons on the Same Level	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2	0	0	0	3	3
Oil	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	1	0	2	2
Asbestos	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Chromite	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Galena & Sphalarite	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Gold	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Iron	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
Manganese	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL : Fall of Objects incl. Rolling Objects	0	0	0	6	6	1	1	0	0	0	1	1	0	3	3	2	2	0	9	9

Statement 4.7 (continued)

CAUSE OF ACCIDENT	BELOW GROUND					OPEN CAST					ABOVE GROUND					TOTAL				
	Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident		Fatal Accident			S/Accident	
	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ	ACC	KILL	INJ	ACC	INJ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Copper	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL : Other Accidents due to Falls	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL : FALLS (OTHER THAN FALL OF GROUND)	1	1	0	7	7	7	7	0	5	5	3	3	0	7	7	11	11	0	19	19
Oil	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
TOTAL : Flying Pieces(Except due to Explosives)	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Limestone	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
TOTAL : Drowning in Water	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0
Dolomite	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1
Galena & Sphalarite	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL : Unclassified	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	2	2
TOTAL : OTHER CAUSES	0	0	0	1	1	1	1	0	2	2	0	0	0	0	0	1	1	0	3	3
ALL INDIA : ALL NON-COAL MINERALS	4	4	1	12	12	25	31	8	18	22	10	10	1	14	16	39	45	10	44	50

STATEMENT NO. 4.8

Fatal accidents and casualties in non-coal mines by broad causes in 2014

Cause/Mineral	Oil	Copper	Galena	Gold	Iron	L/Stone	Manganese	Stone	Others	Total
Fall of Roof	--	--	2	--	--	--	1	--	--	3
Killed-Injr :	--	--	2- 1	--	--	--	1- 0	--	--	3- 1
Fall of Sides	--	--	--	--	--	1	--	2	2	5
Killed-Injr :	--	--	--	--	--	1- 0	--	5- 1	3- 0	9- 1
Dumpers	--	--	--	--	1	2	--	1	1	5
Killed-Injr :	--	--	--	--	1- 1	2- 2	--	1- 0	1- 0	5- 3
Trucks	--	--	--	--	--	--	--	1	1	2
Killed-Injr :	--	--	--	--	--	--	--	1- 0	1- 0	2- 0
Other Machinery	1	--	--	--	2	--	--	--	4	7
Killed-Injr :	1- 0	--	--	--	2- 0	--	--	--	5- 2	8- 2
Explosives	--	--	--	--	--	--	--	2	--	2
Killed-Injr :	--	--	--	--	--	--	--	3- 3	--	3- 3
Fall of Persons	2	--	--	--	--	--	--	1	5	8
Killed-Injr :	2- 0	--	--	--	--	--	--	1- 0	5- 0	8- 0
Fall of Objects	1	--	--	--	--	--	--	--	1	2
Killed-Injr :	1- 0	--	--	--	--	--	--	--	1- 0	2- 0
Other Causes	1	1	--	--	--	1	--	--	2	5
Killed-Injr :	1- 0	1- 0	--	--	--	1- 0	--	--	2- 0	5- 0
Below Ground	--	1	2	--	--	--	1	--	--	4
Killed-Injr :	--	1- 0	2- 1	--	--	--	1- 0	--	--	4- 1
Opencast	--	--	--	--	--	4	--	7	14	25
Killed-Injr :	--	--	--	--	--	4- 2	--	11- 4	16- 2	31- 8
Above Ground	5	--	--	--	3	--	--	--	2	10
Killed-Injr :	5- 0	--	--	--	3- 1	--	--	--	2- 0	10- 1
TOTAL	5	1	2	--	3	4	1	7	16	39
Killed-Injr :	5- 0	1- 0	2- 1	--	3- 1	4- 2	1- 0	11- 4	18- 2	45-10

STATEMENT NO. 4.9

Serious accidents and seriously injured persons in non-coal mines by broad causes in 2014

Cause/Mineral	Oil	Copper	Galena	Gold	Iron	L/Stone	Manganese	Stone	Others	Total
Dumpers	--	--	--	--	1	--	--	--	1	2
Injured :	--	--	--	--	3	--	--	--	1	4
Trucks	--	--	2	--	--	--	--	--	--	2
Injured :	--	--	2	--	--	--	--	--	--	2
Other Machinery	2	1	5	1	2	2	--	--	2	15
Injured :	2	1	5	1	3	2	--	--	3	17
Fall of Persons	3	--	1	--	4	1	--	--	1	10
Injured :	3	--	1	--	4	1	--	--	1	10
Fall of Objects	2	--	3	1	1	--	1	--	1	9
Injured :	2	--	3	1	1	--	1	--	1	9
Other Causes	3	--	1	--	1	--	--	--	1	6
Injured :	3	--	1	--	3	--	--	--	1	8
Below Ground	--	--	8	2	--	--	1	--	1	12
Injured :	--	--	8	2	--	--	1	--	1	12
Opencast	2	1	3	--	6	3	--	--	3	18
Injured :	2	1	3	--	9	3	--	--	4	22
Above Ground	8	--	1	--	3	--	--	--	2	14
Injured :	8	--	1	--	5	--	--	--	2	16
TOTAL	10	1	12	2	9	3	1	--	6	44
Injured :	10	1	12	2	14	3	1	--	7	50

STATEMENT NO. 4.10

Regionwise/Zonewise accidents in non-coal mines in 2014

Region / Zone	Fatal Accidents			Serious Accidents	
	Accident	Killed	Injured	Accident	Injured
Guwahati	2	2	--	5	5
Sitarampur I	1	1	--	--	--
Sitarampur III	2	5	--	--	--
Eastern Zone	5	8	--	5	5
Ahmedabad	1	1	--	2	2
Udaipur	5	5	1	4	4
North-Western Zone	6	6	1	6	6
Ajmer	6	7	2	10	10
Ghaziabad	4	5	1	--	--
Varanasi	2	2	--	--	--
Northern Zone	12	14	3	10	10
Hyderabad I	4	5	3	3	4
South-Central Zone	4	5	3	3	4
Bhubaneswar	--	--	--	2	2
Chaibasa	3	3	--	7	9
South-Eastern Zone	3	3	--	9	11
Bangluru	1	1	--	--	--
Bellary	1	1	1	3	3
Chennai	4	4	1	1	1
Southern Zone	6	6	2	4	4
Bilaspur	--	--	--	3	6
Jabalpur	2	2	1	2	2
Nagpur I	1	1	--	1	1
Nagpur II	--	--	--	1	1
Western Zone	3	3	1	7	10
ALL INDIA	39	45	10	44	50

STATEMENT NO. 4.11

Fatal accidents in non-coal mines by cause and responsibility in 2014

Responsibility / Major Cause Group	1	2	3	4	5	6	7	8	9	Total
Misadventure	-	-	-	-	-	-	-	1	-	1
Management	3	2	1	2	1	-	-	4	-	13
Management & Sub. Sup. Staff(SSS)	3	-	-	-	1	1	-	1	-	6
Management, SSS & Coworker	-	-	-	-	-	1	-	-	-	1
Management,SSS,Coworker,Deceased & Deceased	-	-	-	1	-	-	-	-	-	1
Management & Coworker	-	-	3	1	-	1	-	-	-	5
Subordinate Supervisory Staff(SSS)	2	-	-	-	-	-	-	1	-	3
Sub. Sup. Staff & Coworker	-	-	1	-	-	-	-	-	-	1
Sub.Sup.Staff, Coworker & Deceased	-	-	1	-	-	-	-	-	-	1
Coworker	-	-	1	1	-	-	-	-	-	2
Coworker & Deceased	-	-	-	-	-	-	-	1	-	1
Deceased	-	-	-	-	-	-	-	2	1	3
Others	-	-	-	-	-	-	-	1	-	1
Total	8	2	7	5	2	3	0	11	1	39

STATEMENT NO. 4.12

Summary of Findings of Fatal Accidents during the year, 2014

Code : 0100 Ground Movement

Code : 0111 Fall of Roof
(3 Deaths)

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1. Date - 08/04/14 Mine - BALAGHAT MANGANESE MINE
   Time - 10.45 Owner - MANGANESE ORE [INDIA] LTD.
   Dist. - Balaghat, State - Madhya Pradesh
   Person(s) Killed :
   1. Ayaz Khan,Mine Mate, Male, 30 Years

While a loose roof was being dressed in a working stope of an underground metalliferous mine, a piece of roof measuring 58cm (L) X 57cm (W) X 25cm (T) fell from a height of 1.5m over a mining mate who was standing below it inflicting serious bodily injuries to him which proved fatal after an hour.

Had it been ensured that the subordinate supervisory officials and competent persons employed in the stope carry out their respective duties in proper manner as required under Regulation 46(2) (a) of the Metalliferous Mines Regulations, 1961, this accident could have been averted.

2. Date - 27/09/14 Mine - RAJPURA DARIBA GALENA & SPHAL
   Time - 6.40 Owner - HINDUSTAN ZINC LTD.
   Dist. - Rajsamand, State - Rajasthan
   Person(s) Killed :
   1. Bharat Singh Naruka,General Mazdoor, Male, 56 Years

While three general mazdoors were checking connection of a blasting circuit under unsupported roof at a development face in a below ground mine, a mass of rock measuring about 1.7m (L) X 2.0m(W) X 0.9m(H) fell from the roof at a height of about 3.5m inflicting serious bodily injuries to two persons and minor injury to one person(One seriously injured person was brought dead in the hospital and another seriously injured person is recovering from his injuries). All three were shifted to mine dispensary for treatment where one seriously injured person was declared brought dead, the other seriously injured person was sent to hospital for better management and the person with minor injuries was discharged after due treatment.

Had

i) the roof at the development face been adequately secured before commencement of work thereat as required under provisions of Regulation 112(1) of the Metalliferous Mines Regulations, 1961, read with Systematic Support Rules framed and implemented by the Mine Manager under Regulation 112(2)(a) of the Metalliferous Mines Regulations, 1961; and

ii) the provisions of the Systematic Support Rules been effectively complied and the face not been worked in contravention thereof as required under the provisions of Regulation 112(c) of the Metalliferous Mines Regulations, 1961;

this accident could have been averted.

3. Date - 12/11/14 Mine - BALARIA GALENA & SPHALERITE
Time - 2.30 Owner - HINDUSTAN ZINC LTD.
Dist. - Udaipur, State - Rajasthan
Person(s) Killed :
1. Shankar Lal Meena, Gen. Mazdoor, Male, 49 Years

While one general mazdoor was checking roof condition under unsupported roof at a development face in a below ground mine, a mass of rock measuring about 1.2m (L) X 1.0m (W) X 0.4m (H) fell from the roof at a height of about 3.0m inflicting serious bodily injuries to him. The person was shifted to mine dispensary for treatment where the person was declared brought dead.

Had the roof at the development face been adequately secured before commencement of work thereat as required under provisions of Regulation 112(1) & Regulation 116(1) read with regulation 47(3)(a) of the Metalliferous Mines Regulations, 1961, this accident could have been averted.

Code : 0112 Fall of Sides (Other than Overhangs)
(7 Deaths)

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4. Date - 07/01/14 Mine - KATHARA RED GRANITE MINE
Time - 13.15 Owner - M/S FORTUNE STONE LTD.
Dist. - Chhatarpur, State - Madhya Pradesh
Person(s) Killed :
1. G.Sarwan, Supervisor, Male, 38 Years

While a supervisor was inspecting blasted area on an OB bench which had been floor-blasted 3 days earlier for the purpose of making a haul road, side of the opencast workings above comprising of weathered rock, measuring 4-6m (length)x 3-5m (height) x 1.2-2m (thick) parted off along slip/bedding plane (due to overnight rains), partially burying him under the rolling debris, as a result of which he received serious bodily injuries to which he succumbed whilst on way to the hospital.

Had none been allowed to approach near the toe of the weathed face/ bench of the opencast workings unless adequate precautions been taken to ensure his safety by frequently inspecting the area for evidence of slides from the bench and dressing of such sides, as required by clause 1.0(b) & 7.0(ii)(a) of Annexure to the Directorate's letter No. JR/Non Coal/Perm-11/106/2004/182 dated 17.05.2004 granting relaxations from the provisions of Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961, this accident could have been averted.

5. Date - 23/08/14 Mine - MICA, FELDSPAR & QUARTZ
Time - 8.00 Owner - SHRI SURENDER JAIN
Dist. - Ajmer, State - Rajasthan
Person(s) Killed :
1. Vishram Jat, Mazdoor, Male, 23 Years
2. Pratap Goswami, Mazdoor, Male, 23 Years

While two mazdoor were engaged in gathering broken rock for loading into bucket of a winch at the foot of a 25m high almost vertical side in an opencast mine, a mass of overhanging rock measuring about 1.4m X 0.6m X 0.4m parted from the side at a height of about 08m and fell over them inflicting serious bodily injuries to which both of them succumbed on way to a hospital.
Had

i) sides of the opencast workings of the mine been adequately benched, sloped or secured so as to prevent danger of fall of the side;

ii) under cutting of the side of the mine not been permitted so as to cause overhang; and

iii) a duly qualified Manager been appointed for management, control, supervision and direction of the mine to ensure that all work was done in accordance with the provisions of the Act, and the Regulations, rules , bye-laws and orders made there-under, whereby safety of persons employed in the mine could have been ensured in every respect as required under the provisions of Regulations 106(3) &(5) and 34(1)(a) of the Metalliferous Mines Regulations, 1961 read with Sections 17(1) and 18(1) & (4) of the Mines Act, 1952;

this accident could have been averted.

6. Date - 26/11/14
Time - 7.45

Mine - PIPALJORI STONE MINE
Owner - M/S PAKUR BLACK STONE(SRI DILIP KR. SINGH)
Dist. - Pakur, State - Jharkhand
Person(s) Killed :
1. Magha Paharia, Earth Cutter, Male, 30 Years
2. Bagha Paharia, Earth Cutter, Male, 31 Years
3. Srinath Hasda, Earth Cutter, Male, 31 Years
4. Bagha Paharia, Earth Cutter, Male, 29 Years

While a crew of four miners were cleaning the earth cutting and preparing the site for drilling at 2nd bench from top in a quarry, suddenly a huge mass of overburden measuring 10m (Length) X 8m (Height) X 2m (Depth) dislodged form top OB bench at a height of about 13.5m and fell over the miners, burying all of them underneath resulting into their death.

Had

i) the formation of benches in overburden as well as in stone been maintained in accordance with the provisions of Reg. 106(1)(a)(i) & (ii) of MMR, 1961, read with the conditions given in authorization granted under Reg. 34(6) of MMR, 1961, vide this Directorate's letter no. S3/PA/ST/168/2014/1049 dated 25.04.2014; and

ii) the site of workings of the quarry were inspected and stability of the overburden bench was ensured before employment of workers as required under the provisions of Reg.44(i)(a) of MMR, 1961, read with the conditions given in authorisation granted under Reg. 34(6) of MMR, 1961, vide this Directorate's letter no. S3/PA/ST/168/2014/1049 dated 25.04.2014;
this accident could have been averted.

Code : 0113 Fall of Overhangs
(2 Deaths)

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7. Date - 22/03/14
Time - 13.30

Mine - PUDUR LIMESTONE MINE
Owner - SOUTH INDIA MINES & MINERALS INDUS. LTD.
Dist. - Tirunelveli, State - Tamil Nadu
Person(s) Killed :
1. P Madasamy, Driller, Male, 31 Years

While two persons were drilling holes with Jackhammer drill machine on a limestone bench, a overhang measuring about 0.3m X 0.3m X0.3m fell from a height of 12m and hit one of the driller, who fell down to the bottom of the quarry to a depth of 4m inflicting serious bodily injuries to which he succumbed on way to hospital.

Had

i) no undercutting been made so as to form overhang as required under regulation 106 (5) of the Metalliferous Mines Regulations, 1961;

ii) the side been kept benched such that height of bench not exceeded the digging height of the excavator i.e 9m as required under condition no. 1.1 of APPENDIX - MMR/106 of Permission granted vide letter No. CR/ Limestone/Perm/2009/4160 dated 16-12-2009 under Regulation 106(2) (b) of the Metalliferous Mines Regulations, 1961; and

iii) adequate precaution been taken to ensure the safety of person employed within 5m of the face by dressing the side as required under condition 1.5 of APPENDIX- MMR/106 of Permission granted vide letter No. CR/Limestone/Perm/2009/4160 dated 16-12-2009 under Regulation 106(2) (b) of the Metalliferous Mines Regulations, 1961;

this accident could have been averted.

8. Date - 13/12/14
Time - 17.00

Mine - DHARRA STONE MINE(GATTA NO.339, PLOT-29)
Owner - SHRI RAM KISHORE SINGH
Dist. - Mahoba, State - Uttar Pradesh
Person(s) Killed :
1. Sidhgopal Kushwaha, General Mazdoor, Male, 40 Years

While two workers were loading blasted stone at the bottom of a stone quarry beneath a 25m high high-wall, a piece of stone mass got dislodged from the high-wall from a height of about 25m inflicting serious bodily injuries to one person who died almost instantly on the spot. The other person escaped with minor injuries.

Had

i) the sides of the opencast workings been kept benched, sloped and secured whilst working the mine, as was required by the provisions of Regulation 106 of the Metalliferous Mines Regulations, 1961, the mine not been worked in contravention of stipulations of Directorate's letter No. 3045 dated 10.12.2007 imposing Order under Section 22A(2) of the Mines Act, 1952, and the mine been worked by benching the sides top downwards as stipulated vide Directorate's letter No. NZ/Gwalior Region/1118 dated 10.02.2012;

ii) the mine been placed under the charge of a duly qualified manager to ensure that all work in the mine was carried on in accordance with the provisions of the mines Act, and of the regulations, rules, bye-laws and orders made there-under whereby safety of the mine and safety of persons employed in the mine was ensured in every respect, as required by the provisions of Section 17(1) of the Mines Act, 1952, read with Regulation 34(1)(a) of the Metalliferous Mines Regulations, 1961; and

iii) duly qualified mining mate(s) been appointed at the mine to exercise personal supervision to ensure proper observance of the provisions of the Mines Act and of the regulations, rules, bye-laws and orders made there under whereby safety of the mine and safety of persons employed in the mine was ensured in every respect, as required by the provisions of Regulation 116 of the Metalliferous Mines Regulations, 1961;

this accident could have been averted.

Code : 0200 Transportation Machinery (Winding)

Code : 0222 Breakage of Rope,Chain,Craw/Suspn. Gear (2 Deaths)

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9. Date - 08/01/14
Time - 10.30

Mine - BABA RAMDEV MARBLE MINE BORAWAR(Q.L-40B)
Owner - SHIVRAM,HARDEENRAM,BHAGWATI DEVI, JETHI DE
Dist. - Nagaur, State - Rajasthan
Person(s) Killed :
1. Prakash Bawari, Mazdoor, Male, 25 Years
2. Shivraj Bawari, Mazdoor, Male, 23 Years

While a loaded 'U' tub tied with a spliced sling of wire rope was being hoisted from bottom of a 50 m deep open cast mine by a derrick crane the tub got enganged in projected edge of the quarry at about 40 m height causing spliced sling to open and release the tub which fell upon four mazdoors working at the quarry bottom killing two of them on the spot and causing serious bodily injury to two others.

Had

i) spliced sling of wire rope not been used for tying and hoisting of loaded 'U' tubs from quarry bottom; and

ii) a duly qualified Manager been appointed for management, control, supervision and direction of the mine

as required under the provisions of Regulation 88(2)(c) and 34(1)(a) of the Metalliferous Mines Regulations, 1961 read with Sections 17(1) and 18(1) and (4) of the Mines Act, 1952; this accident could have been averted.

Code : 0225 Hit by Cages, Skip etc. (1 Death)

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10. Date - 16/05/14
Time - 17.30

Mine - DRILLING MINE(DULIAJAN)
Owner - OIL INDIA LTD.
Dist. - Dibrugarh, State - Assam
Person(s) Killed :
1. Pranjal Pratim Borgohain,Floor Man, Male, 33 Years

While a driver operated the rotary table during a Kelly cracking process, without warning, the breaker tong got rotated in clock wise direction hitting a floorman at Derrick floor, who received serious bodily injuries and died at hospital.

Had the driller not followed laid down safe operating procedures and operated the rotary table for Kelly cracking without ensuring presence of floorman in danger zone, thus not negligently omitted to ensure safety of persons employed therein, by contravening the provisions under Regulations 18(4) and 98 of the Oil Mines Regulations, 1984, this accident could have been averted.

Code : 0300 Transportation Machinery (Non-Winding)

Code : 0335 Dumpers
(5 Deaths)

11. Date - 08/03/14 Mine - PIPALJORI STONE MINE
Time - 8.30 Owner - M/S PAKUR BLACK STONE(SRI DILIP KR. SINGH)
Dist. - Pakur, State - Jharkhand
Person(s) Killed :
1. Tinku Rajvanshi,Tipper Helper, Male, 31 Years

While a tipper helper along with a loading mazdoor were unautorisedly riding a tipper being driven down a haul road in an opencast metalliferous mine, the driver of the tipper lost control over it causing fall of the tipper to the bed of the quarry from a height of about 5.5m inflicting thereby instantaneous fatal injuries to the helper. Loading mazdoor and the driver of the tipper however, escaped unhurt.

Had

i) the person engaged for driving the tipper not been unmindful and driven the tipper down the haul road negligently and thus not endangered the life of co-worker as required under Reg. 181 read with Reg. 42 of MMR, 1961; and

ii) the 'Code of Practice' for driving the tipper was implemented and it was ensured that the competent persons were carrying out their duties in a proper manner as required under Reg. 46(2)(a) & (b) and 47(1)(b) of MMR, 1961;
this accident could have averted.

12. Date - 19/03/14 Mine - SOORYA CLAY MINE
Time - 15.30 Owner - ADBUL NAZAR
Dist. - Thiruvananthapuram, State - Kerala
Person(s) Killed :
1. Aji, Driver, Male, 50 Years

While a tipper was being reversed at an unloading point, not having stop-blocks, the tipper reversed for more than required distance and toppled down along the slope of the dump to a depth of 8.5m inflicting serious bodily injury to the driver to which he succumbed after a few hours in hospital.

Had stop-blocks been provided at the dump site as required under Regulation 106 (2)(b) of the Metalliferous Mines Regulations, 1961 read with condition No. 9.3.2 of the letter No. SZ/BGR/TVPM/106(20)(b)/Perm.15/1073, dated 31.5.2012, this accident could have been averted.

13. Date - 28/03/14 Mine - PRISM CEMENT LIMESTONE MINE
Time - 22.30 Owner - PRISM CEMENT LTD.
Dist. - Satna, State - Madhya Pradesh
Person(s) Killed :
1. Chain Kumar Kevat, Helper, Male, 19 Years

While a tipper with four persons including its driver in the cabin was moving along a haul road of an opencast mine, it hit and jumped an earthen berm provided at the edge of the haul road and fell 3m to

4m below in to the reclaimed pit, inflicting serious bodily injuries to two persons, of which one proved fatal instantly, reportable injury to third person and the driver escaped unhurt.

Had

i) the tipper not been driven too fast and negligently endangering the life of workmen, as required by condition No. 13.1 of the permission granted vide letter No. 590 dated 27.02.1997 under Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961; and

ii)unauthorised persons not been allowed to ride the tipper, as required by condition No.13.3 of the Permission granted vide letter No. 590 dated 27.02.1997 under Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961;

this accident could have been averted.

14. Date - 12/06/14
Time - 20.15

Mine - THIMMAPPANAGUDI IRON ORE MINE
Owner - MYSORE MINERALS LTD.
Dist. - Bellary, State - Karnataka
Person(s) Killed :
1. M.Yeriswamy, Exca.Operator, Male, 30 Years

While two tipper drivers driven their tippers rashly towards an excavator in an iron ore stock yard, they hit two excavators resulting fatal injury to one operator and serious bodily injury to other.

Had

i) the two tippers been not driven rashly in wrong route and hit the excavator operators, thus not negligently endangering the lives of the persons employed at the mine as required under the provisions of Reg. 181 of the Metalliferous Mines Regulations, 1961; and
ii) a traffic rules been framed and implemented for movement of vehicles as required under the provisions of Reg. 106(2)(b) of the Metalliferous Mines Regulations, 1961, read with clause VI 6.3 (c) of permission letter no H-II/2166, dated 02.08.1996;

this accident could have been averted.

15. Date - 24/10/14
Time - 22.00

Mine - CHINNAGOUNDANUR LIMESTONE MINE
Owner - M/S MAHALAXMI MINES & PULVERISERS
Dist. - Salem, State - Tamil Nadu
Person(s) Killed :
1. K.Madeswaran, Clearner, Male, 26 Years

While a person was driving a tipper on a up gradient haul road along with two others sitting in cabin , engaged reverse gear instead of top gear resulting backward movement which crossed berm on the haul road and fell down to a depth of about 7 m into the quarry bottom having about 2 m deep water. One of the persons died due to his injuries and drowning , while other got minor injuries and the driver jumped out and escaped unhurt.

Had the person not reversed the tipper on a up gradient haul road negligently thus endangering his own life and lives of the other persons therein as required under condition 13.3.1 of permission letter No. CR/Limestone/Perm/2007/2663 dated 14.11.2007 granted under regulation 106(2)(b) read with regulation 181 of the Metalliferous Mines Regulations, 1961, this accident could have been averted.

Code : 0339 Wheeled Trackless(Truck,Tanker,etc.)
(2 Deaths)

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16. Date - 01/01/14 Mine - NARWAPAHAR URANIUM MINE
Time - 16.15 Owner - URANIUM CORPN. OF INDIA LTD.
Dist. - West Singbhum, State - Jharkhand
Person(s) Killed :
1. Jishnu Das, Helper A, Male, 24 Years

While a mechanical helper alighted from a scissor lift after parking it behind an explosive van, suddenly explosive van moved in reverse and helper got pressed between van and scissor lift. In this process helper received serious bodily injuries to which he succumbed after 4 hrs, while being treated at hospital.

Had

i) the helper been not allowed to operate scissor lift unauthorisedly in contravention of Regulation 171 read with condition no. 4.0(c) of permission letter SEZ/94/3270-71 Ranchi dated 09.09.1994 of Metalliferous Mines Regulations, 1961; and

ii) the helper been not parked scissor lift too close to the tail side of explosive van and been more careful and alert before approaching to van thus he negligently and willfully did thing likely to endanger his own life in contravention of Regulation 41(1)(a) read with Regulation 181 of Metalliferous Mines Regulations, 1961;
this accident could have been averted.

17. Date - 05/05/14 Mine - CHEJA PATHAR MINE (ML NO. 127/99)
Time - 6.30 Owner - SHRI MEETHA LAL MEENA
Dist. - Dausa, State - Rajasthan
Person(s) Killed :
1. Meetha Lal Meena, Mazdoor, Male, 21 Years

While a tractor-trolley was being placed for loading near a heap of blasted stones in an opencast mine the tractor hit one of the loading mazdoors standing nearby felling him down to the ground and hitting his head against a stone inflicting serious bodily injuries to which he succumbed on way to a hospital.

Had

i) the tractor-trolley not been negligently driven thus not endangering life and safety of persons employed in its proximity and none entered the mine beyond the period over which his shift extended thus adhering to the provisions of the Act and of the Regulations and Orders made thereunder with a view to safety; and

ii) it not been negligently omitted to put a system in place to ensure that no person entered the mine without the knowledge or authorization of manager which as necessary for the safety of the persons employed therein;

as required under the provisions of Regulations 181, 41(9) and (1) of the Metaliferrous Mines Regulations, 1961 read with section 18(1) and (4) of the Mines actd,1952, this accident could have been averted.

Code : 0400 Machinery Other than Transp. Machinery

Code : 0441 Drilling Machines
(1 Death)

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18. Date - 23/06/14
Time - 21.15

Mine - BAGJATA MINES
Owner - URANIUM CORPN. OF INDIA LTD.
Dist. - East Singhbhum, State - Jharkhand
Person(s) Killed :
1. Sudhakar Ghosh, contracted worker, Male, 61 Years

While a contractor's supervisor travelled to surface from underground working of an underground mine by riding on drill jumbo machine unauthorisedly and tried to get down from the moving drill jumbo near portal entry of decline on surface, he fell down and run over by it and sustained serious bodily injuries which proved fatal instantly.

Had the person not been allowed to ride on the mining machine unauthorisedly in contravention of the condition No. 4.3 of the permission granted vide this Directorate's letter No. 2203 dated 24.07.2009 under the provision of the Regulation 17(1) of the Metalliferrous Mines Regulations, 1961, this accident could have been averted.

Code : 0447 Crushing & Screening Plants
(1 Death)

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19. Date - 25/06/14
Time - 15.45

Mine - BOLANI IRON ORE MINE
Owner - RAW MATERIAL DIVISION (SAIL)
Dist. - Keonjhar, State - Orissa
Person(s) Killed :
1. Dhananjay Singh, Contractual Worker, Male, 25 Years

While a crew of 3 contractor persons working at construction site of tertiary crusher plant of an opencast mine for fixing a monorail at a height of 24 meter from ground with the help of chain pulley block and crane, one loose D-shackle kept at a height of 14 meter fell down after getting struck by one of them standing there and hit a person standing at ground level, inflicting him serious bodily injuries to which he succumbed after 19 days while being treated at hospital.

Had

i) the rope of sufficient length been used for transferring D-shackle at ground level thus negligently and willfully did things likely to endanger life in the mine in contravention of Regulation 181 of Metalliferous Mines Regulations, 1961;

ii) safety net been used to prevent fall of any loose material for the safety of the persons employed therein in contravention of Regulation 181 of Metalliferous Mines Regulations, 1961; and

iii) the loose material been kept at proper place to avoid inadvertent fall on the ground thus negligently or willfully omitted to do things necessary for the safety of the persons employed therein in contravention of Regulation 181 of Metalliferous Mines Regulations, 1961;
this accident could have been averted.

Code : 0448 Other Heavy Earth Moving Machinery
(3 Deaths)

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20. Date - 13/03/14 Mine - BHUNGAPAT SOAP STONE MINE
Time - 6.30 Owner - M/S ASD CO. PVT. LTD.
Dist. - Pratapgarh, State - Rajasthan
Person(s) Killed :
1. Nanji, Security Guard, Male, 35 Years

While a dozer was being reversed on a waste dump in a soap stone mine, a security guard, who was present at the rear side, was over run by the right crawler chain of the dozer sustaining serious bodily injuries to which he succumbed almost instantaneously at the site.

Had the dozer not been reversed without ensuring that no person was present in the read side of the dozer as required under condition No. 25.0(c)(3) of the permission under Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961, issued vide letter No. UR/4255 dated 03.09.2007 and modified vide letter No. UR/1244 dated 04.03.2009, this accident could have been averted.

21. Date - 17/06/14 Mine - DHEDWS IRON ORE MINE
Time - 11.45 Owner - JINDAL SAW LTD
Dist. - Bhilwara, State - Rajasthan
Person(s) Killed :
1. Mohammad Rashid, Helper, Male, 18 Years

While a Crane Operator Helper of a 150 Te capacity mobile crane was checking coiling of rope on to its drum in an ore beneficiation mine, his hand got caught between the rope and the drum pulling him in, and striking his head against steel frame of the drum inflicting serious bodily injuries to him to which he succumbed on way to hospital.

Had

i) the Crane not been negligently operated thus not endangered the life and safety of the Crane Helper and the provisions of the Act and of the Regulations and Orders made there under framed with a view to safety been adhered to;
ii) the wire rope drum of the crane been adequately fenced by suitable guards while the rope was in motion and been responsible for the duties assigned;

iii) it not been negligently omitted to frame Safe Operating Procedures (SOPs) for the Crane and provide effective communication system between Crane Operator and Crane Helper and it been seen that the Engineer and Competent Persons in the mine carried out and enforced the provisions of the Act and of the Regulations and Orders made there-under relating to operating of machinery in a proper manner; and

iv) all possible steps been taken to ensure that the Engineer and Competent Persons in the mine carried out and enforced the provisions contained in the statute in a proper manner;

as required under the provisions of Regulation 181, 41(1), 174(2),42, 53(d) and 44(4) of the Metalliferous Mines Regulations, 1961 read with section 18(4) of the Mines Act, 1952,
this accident could have been averted.

22. Date - 08/11/14 Mine - MASARO KI OBERI SERPENTINE MINE
Time - 11.45 Owner - SHRI ANIL SINGH RANAWAT
Dist. - Udaipur, State - Rajasthan
Person(s) Killed :
1. Manji Meena, Helper, Male, 50 Years

While an excavator was being lifted from quarry floor by tying it to the boom of a derrick crane, the base plate of the holding brake motor of the derrick crane boom sheared, which in turn caused the brake drum to break into pieces. One of these flying pieces of the brake drum hit a mine worker working nearby resulting into injuries to which he succumbed on the way to hospital.

Had

i) a manager possessing requisite statutory qualification been appointed for overall management, control, supervision and direction of the mine, as required under Section 17(2) of the Mines Act 1952 read with Regulation 34(1)(a) of Metalliferous Mines Regulations, 1961 and section 18(4) of the Mines Act, 1952; and

ii) an engineer having a degree or diploma in mechanical engineering been appointed to hold general charge of the machinery and to be responsible for its installation maintenance and safe working in an opencast mine worked by heavy earth moving machinery in which the aggregate H.P. of all machinery used exceeds 750 as required under Regulation 36 of Metalliferous Mines Regulations, 1961;

this accident could have been averted.

Code : 0500 Explosives

Code : 0559 Other Explosive Accidents (3 Deaths)

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23. Date - 27/03/14 Mine - SIRUDHAMPUR STONE MINE (SF. NO.159)
Time - 12.58 Owner - Shri C.G. GOVARDHAN
Dist. - Kancheepuram, State - Tamil Nadu
Person(s) Killed :
1. M.Ganesan, Blasting Helper, Male, 47 Years

While a blaster helper was testing blasting circuit with ohmmeter after connecting two detonators with detonating cord at the top bench of an opencast workings, twenty one charged shot holes got initiated and blasted, inflicting injuries to two persons, out of which one person succumbed to his injuries later.

Had

i) the helper not been allowed to test the blasting circuit without taking adequate shelter as required under Regulation 163(4)(c) read with Regulation 164 of the Metalliferous Mines Regulations, 1961;

ii) the blaster been carried out testing of the blasting circuit in his personal supervision as required under Regulation 160(1) of the Metalliferous Mines Regulations, 1961; and

iii) a duly qualified manager been appointed for overall management, control, supervision and direction of the mine as required under Section 17(1) of the Mines Act 1952 read with Regulation 34 of the Metalliferous Mines Regulations, 1961;

this accident could have been averted.

24. Date - 19/09/14
Time - 18.30

Mine - KOTHAGATTU BUILDING STONE & ROAD METAL Q
Owner - M/S SRI SRINIVASA STONE CRUSHER SRI.C MAHE
Dist. - Warangal, State -
Person(s) Killed :
1. Orsu Kistaiah, Worker, Male, 35 Years
2. Jitte Madhukar, Worker, Male, 25 Years

While primed explosive cartridges charged in shot holes got initiated by lightening in an opencast Building Stone & Road Metal Quarry; inflicting injuries to six persons, of whom two succumbed to their injuries instantaneously, while three persons received serious bodily injuries and the sixth person escaped with reportable injuries.

Had a manager been appointed for the overall management, control, supervision and direction of the mine and other competent persons, including officials, been appointed to assist the Manager in securing thorough supervision of all operations in the mine and enforcement of the requirements of the Act, Regulation and Orders made thereunder as required under Section 17(1) and Section 18(4) of the Mines Act 1952 read with Regulation 34,Regulation 39 and Regulation 160 of the Metalliferous Mines Regulation,1961, which in turn would have ensured that during progress of electric storm :

i) all exposed wires been coiled up and placed in the mouth of the shot holes or kept covered by something other than a metal plate; and

ii) all the persons were withdrawn from the danger zone,

as required in DGMS Circular No. Sapicom Tech. 1/1995,

this accident could have been averted.

Code : 0600 Electricity

Code : 0661 Overhead Lines
(1 Death)

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25. Date - 11/07/14
Time - 12.30

Mine - CBM BLOCK-RG(EAST)-CBM-2001/1
Owner - ESSAR OIL LIMITED
Dist. - Burdwan, State - West Bengal
Person(s) Killed :
1. Md. Hassan, Roustabout, Male, 22 Years

While shifting a bunch of pipes, the upper portion of crane's boom momentarily came in contact with the lower conductor of live electric overhead line which resulted in electrocution of a contractor's employee.

Had

i) the machine been operated by talking adequate precautions by maintaining sufficient clearance from live overhead electric line so as to prevent its accidental or inadvertent charging as required under regulation 19(1) of Central Electricity Authority (Measures relating to safety and electric supply) Regulations, 2010;

ii) the job been done under proper supervision of a competent person as required under regulation 12(1) and regulation 19(1) of Central Electricity Authority (Measures relating to safety and electric supply) Regulations, 2010; and

iii) the pipes been not stored underneath a live overhead line and proper arrangements been made to get the pipes transported under the direct supervision of a competent person as required under regulation 64(1) and regulation 64(2) of Central Electricity Authority (Measures relating to safety and Electric Supply) Regulations, 2010;
this accident could have been avoided.

Code : 0664 Energized Machines
(1 Death)

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26. Date - 24/05/14
Time - 10.30

Mine - MADHARAM DOLOMITE MINE
Owner - VISAKHAPATNAM STEEL PLANT
Dist. - Khammam, State - Andhra Pradesh
Person(s) Killed :
1. Kumaru Bhasakar, Helper, Male, 25 Years

While a person (contract worker) was attempting to shift welding machine at project expansion civil construction site of the mine, received electric shock from a temporarily made joint, to which he succumbed on way to hospital.

Had earth continuity been maintained to the welding machine as required under Reg. 41 and ensured its effectiveness complying with Reg-115(3)(i) of Central Electricity Authority (Measuring Relating to Safety and Electric Supply) Regulation, 2010 this accident could have been averted.

Code : 0669 Other Electrical Accidents
(1 Death)

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27. Date - 15/07/14
Time - 16.45

Mine - DEHERIYA GYPSUM MINE
Owner - RAJASTHAN STATE MINES & MINERALS LTD.
Dist. - Bikaner, State - Rajasthan
Person(s) Killed :
1. Sikandar Khan,Shovel operator, Male, 30 Years

While a Hydraulic shovel was engaged in extracting and loading gypsum near an 11KV HT line in an opencast mine its boom came in contact with the HT line giving electric shocks to the operator who jumped out of the cabin however he immediately re-entered the cabin to disengage the boom from the HT line and got electrocuted and died on the spot.

Had
the shovel not been allowed to be operated in a position where part of the machine was brought closer than three meters to exposed high voltage lines without cutting off the current and de-energizing the line, as required under the provisions of condition No. 6.1 of the permission under Regulation 106(2)(b) of the Metalliferous Mines Regulations, 1961 granted vide this Directorate's letter No.AJ/DIR/BIKANER/106(2)(b)/2012/1203 dated 03.03.2012 read with Regulations 46(2)(b) and 47(1)(b) of the Metalliferous Mines Regulations,1961 and Section 18(1)and (4) of the mines Act, 1952,
this accident could have been averted.

Code : 0800 Falls (Other than Fall of Ground)

Code : 0881 Fall of Person from Height/into Depth
(8 Deaths)

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28. Date - 22/01/14 Mine - ODWAS SERPENTINE MINE (M.L.NO.29/11)
Time - 1.30 Owner - SHRI BALCHAND KUMAWAT
Dist. - Udaipur, State - Rajasthan
Person(s) Killed :
1. Rajkumar Meena, Worker, Male, 30 Years

While a worker was engaged in widening of a already cut marble block, standing over it; suddenly a part of the block measuring about 2m (length) X 2m (Width) X 0.3m (Thickness) toppled, as a result he got imbalanced and fell down from the bench from a height of about 8.0m and was seriously injured. He succumbed to the injuries subsequently while being transported to the hospital for medical treatment.

Had

i) the sides of the marble bench been made and kept secured before commencement of work therein as required under provisions of Section 18(4) of the Mines Act, 1952 read with Regulation 106(3) of the Metalliferous Mines Regulations, 1961;

ii) the lighting arrangement been provided in the opencast workings as required under provisions of Section 18(4) of the Mines Act, 1952 read with Regulation 146(1)(a) of the MMR, 1961; and

iii) the mine not been worked without appointing a duly qualified manager as required under the provisions of Section 17(1) of the Mines Act, 1952 read with Regulation 34(1) of the MMR, 1961;

this accident could have been averted.

29. Date - 16/02/14 Mine - KHUNOLI SUNEDA (PARVATIYA)SOAPSTONE MINE
Time - 16.30 Owner - SHRI VIJYANT JAISWAL
Dist. - Bageshwer, State - Uttaranchal
Person(s) Killed :
1. Ganga Ram, Loader, Male, 48 Years

While a loader with 50 kg load was descending a slope his foot slipped down hitting his head against a stone and he succumbed to the injury two hours later in the hospital.

Had it been ensured that the steps made on the slope for carrying load was in accordance with the provisions of Regulation 118(5)(b) of the Metalliferous Mines Regulations, 1961; this accident could have been averted.

30. Date - 05/03/14 Mine - KIROLI SOAPSTONE MINE
Time - 13.30 Owner - N. S. CORPORATION
Dist. - Almora, State - Uttaranchal
Person(s) Killed :
1. Gorakh Bahadur, Loader, Male, 40 Years

While a loader with 50 kg load was ascending a hill-slope from storage area to the dispatch point in a soap stone mine, his foot slopped and he fell down sustaining internal injury on his lower back to which he succumbed whilst undergoing treatment at hospital after about seven hours.

Had entrance to all footpaths other than one made and provided in the mine in accordance with the provisions of Regulation 118(5)(b) of the Metalliferous Mines Regulations, 1961 been kept fenced off as to prevent inadvertent or willful entry of persons and the loader not been allowed to carry load except along the said footpath, as required by the provisions of Regulation 115(2) of the Metalliferous Mines Regulations,1961; this accident could have been averted,

31. Date - 05/03/14 Mine - BILLI MARKUNDI STONE MINE
Time - 5.00 Owner - KRISHNA STONE CRUSHER CO.
Dist. - Sonebhadra, State - Uttar Pradesh
Person(s) Killed :
1. Dharmu S. Gaud, Labour, Male, 25 Years

While four persons were deployed for drilling of jack-hammer holes on a ledge at a height of about 22.27m high from the quarry floor, on a 47m high & near-vertical side of a stone quarry, one person slipped during shifting of the jack-hammer drill to fall onto blasted boulders/stones stacked at quarry-floor 22.27m below and received serious bodily injuries to which he succumbed whilst on way to the hospital.

Had

i) sides of the opencast workings been kept benched, sloped and secured whilst working the mine so as to prevent danger from fall of sides, as required by the provisions of Regulation 106(1) & (3) of the Metalliferous Mines Regulations, 1961;

ii) persons not been allowed to work at any place/ledge from where they were likely to slip or overbalance to fall more than 1.8m, unless they were secured by safety belt/full body harness of approved type, suitably fixed to prevent them from falling, as required by the provisions of Regulation 118(4) of the Metalliferous Mines Regulations, 1961, read with DGMS Circular No. 03 of 2006; and
iii) the mine been placed under the charge of a duly qualified manager to ensure that all work in the mine was carried on in accordance with the provisions of the Mines Act, and of the Regulations, Rules and Orders made there-under, whereby safety of persons employed in the mine was ensured in every respect, as required by the provisions of Section 17(1) of the Mines Act, 1952, read with Regulation 34(1) of the Metalliferous Mines Regulations, 1961;

this accident could have been averted.

32. Date - 09/03/14 Mine - MATABHAR RANGE MARBLE MINE NO.A/2 MAKRAN
Time - 12.30 Owner - LAXMAN BAORI
Dist. - Nagaur, State - Rajasthan
Person(s) Killed :
1. Mangi Lal, Mazdoor, Male, 50 Years

While a mazdoor was ascending along foot wall side of an opencast mine by holding a rubber rope he lost his balance and fell from a height of about 25 meters sustaining serious head injuries to which he succumbed after about two hours in a hospital.

Had

i) a road or a foot path of prescribed width, having steps of prescribed dimensions and equipped with hand rails, or ladders with hand rails and platforms at intervals not exceeding 10m been provided in the mine to allow safe travel of persons to and from their working places; and

ii) a duly qualified manager been appointed in the mine for management, control, supervision and direction thereof,

as required by the provisions of Regulations 118(5)(b) read with DGMS (Tech) Circular No.3 of 1976, and Regulation 34(1)(a) of the Metalliferous Mines Regulations, 1961 read with Sections 17(1) and 18(1) and (4) of the Mines Act, 1952; this accident could have been averted.

33. Date - 16/04/14 Mine - SWETHA GRANITE QUARRY
Time - 9.00 Owner - SHRI G.SUDHAKAR
Dist. - Karimnagar, State - Andhra Pradesh
Person(s) Killed :
1. V.Mohan Rao, Non Statutory Supervis, Male, 45 Years

While walking at the top edge of a bench simultaneously while taking on his mobile phone, a non-statutory supervisor of a granite mine fell from a height of 7.58 meters and received head injuries to which he succumbed at hospital after two days.

Had he not talked on his mobile phone while walking at the top edge of a granite bench, thus negligently not endangered his own life as required under regulation 181 of the Metalliferous Mines Regulations, 1961, this accident could have been averted.

34. Date - 16/07/14 Mine - CAUVERY PROJECT DRILLING KARAIKAL ASSET.
Time - 15.00 Owner - OIL & NATURAL GAS CORPORATION LTD.
Dist. - Thanjavur, State - Tamil Nadu
Person(s) Killed :
1. B.Sasikumar, Jr.Asst.Rigman(Drillin, Male, 29 Years

While a person was attempting to release the casing line(32mm diameter steel wire rope) entangled in fingers of Monkey Board of a drilling rig, he slipped and fell down on the derrick floor from a height of 25m, inflicting serious bodily injuries to which he succumbed on way to hospital.

Had

i) the diving platform of the monkey board been retracted and adequate clearance for safe passage of casing line was provided to prevent entangling of casing line in the fingers of the Monkey Board as provided under Regulation 25(3) of the Oil Mines Regulations, 1984; and

ii) the safety belt been worn and suitably attached to a fixed anchor to allow a drop not exceeding 1.8m in case of fall as required under Regulation 93 and Regulation 98 of Oil Mines Regulations, 1984;

this accident could have been averted.

35. Date - 30/08/14 Mine - PRODUCTION(OIL) MINE(DULIAJAN)
Time - 13.05 Owner - OIL INDIA LTD.
Dist. - Dibrugarh, State - Assam
Person(s) Killed :
1. R.Srihari, Operator-II, Male, 54 Years

While a operator climbed over the top of a testing oil tank to measure level of oil in the tank in an Oil Mine, he fell down on ground from a height of 2.31 m due to dizziness, thus sustaining serious injuries, to which he succumbed almost instantly.
"Misadventure"

Code : 0883 Fall of Objects incl. Rolling Objects (2 Deaths)

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36. Date - 08/04/14 Mine - KRISHNA GODAVARI PROJECT DRILLING
Time - 12.40 Owner - OIL & NATURAL GAS CORPORATION LTD.
Dist. - East Godavari, State - Andhra Pradesh
Person(s) Killed :
1. M K Das, Chief Engineer, Male, 49 Years

While a Drilling Incharge, was witnessing mud replacement operation near cellar pit of an Oil/Gas well, he was hit at forehead by uncontrolled movement of an open ended steel pipe due to sudden surge of pressure, to which he succumbed to injuries on way to hospital,

Had he not gone within swinging area of a potentially high pressure open ended pipe, movement of which was not locked, thus not negligently endangered his own life as required under Regulation 98 of the Oil Mines Regulations, 1984, this accident could have been averted.

37. Date - 18/05/14 Mine - MASARO KI OBERI SERPENTINE MINE
Time - 11.30 Owner - G.C.SANKHALA, M/S OSWAL MARBLE PVT.LTD.
Dist. - Udaipur, State - Rajasthan
Person(s) Killed :
1. Mukesh Meena, Worker, Male, 28 Years

While a worker was engaged as a helper of excavator operator in the dump yard and taking shelter behind a boulder; suddenly the excavator operator who was clearing debris in the dump yard, pushed the boulder measuring about 1.2m (Length) X 1.2m (Width) X 0.2m (Depth) which rolled over, as a result helper got buries under it and was seriously injured. He succumbed to the injuries subsequently while being transported to the hospital for medical treatment.

Had

i) thorough inspection of the working zone around the excavator been done and ensured that no person is exposed in the excavator work zone; and act done negligently which endangered the life of the helper under provisions of Section 72(b) of Mines Act, 1952 read with Regulation 181 of the Metalliferous Mines Regulations, 1961; and

ii) the person not taken shelter behind the boulder, an act done by him either negligently or willfully and which endangered his life in mine under provisions of Section of 72(b) of Mines Act, 1952 read with Regulation 181 of the Metalliferous Mines Regulations, 1961;

this accident could have been averted.

Code : 0889 Other Accidents due to Falls (1 Death)

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38. Date - 20/01/14
Time - 20.00

Mine - KHETRI COPPER MINE
Owner - HINDUSTAN COPPER LTD.
Dist. - Jhunjhunu, State - Rajasthan
Person(s) Killed :
1. Dariya singh, Loco Driver, Male, 59 Years

While a loco driver as sitting in cabin of the loco in front of a draw point of an underground open stope, blasted ore in the stope suddenly slided and raised a cloud of dust, panicking the loco driver. he tumbled whilst fleeing from the loco's cabin, his helmet was thrown off and his head struck on the toe guard of the loco's cabin inflicting serious bodily injuries to him, to which he succumbed after 28 days whilst undergoing treatment in a hospital.
Misadventure.

Code : 0900 Other Causes

Code : 0993 Drowning in Water (1 Death)

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39. Date - 07/10/14
Time - 8.15

Mine - GUJARAT AMBUJA LIMESTONE MINE
Owner - GUJARAT AMBUJA CEMENTS LTD.
Dist. - Junagadh, State - Gujarat
Person(s) Killed :
1. Ishwarpuri P Goswami, Driver, Male, 44 Years

While a tipper driver was returning (after unloading) he got down from his tipper on the way to his working place, on a common haul road with other mine, and surreptitiously entered in the barricaded and protected water-logged opencast workings of other mine; and subsequently got drowned and died thereat.

Had the person not entered into the barricaded and protected opencast workings of other mine and gone inside the rain-filled water-logged area, thus, omitting to ensure his own safety, as required under the provisions of Regulation 181 of the Metalliferous Mines Regulations, 1961, this accident could have been averted.

STATEMENT NO. 4.13

Details of major accidents in non-coal mines (involving 4 or more deaths) during the year 1901-2014

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
1	02/02/01	A.Subha Naidy & Co. Mica	9	0	Fall of Roof
2	11/04/02	Redhill Ruby	5	4	Fall of Roof
3	26/09/04	Hannumanoya/41B Mica	7	0	Fall of Sides
4	29/12/06	Salayakhad Mica	4	2	Fall of Sides
5	24/01/07	Chirki Mica	5	0	Fall of Sides
6	10/02/08	Murwara Limestone	7	2	Fall of Sides
7	06/12/10	Shivrajpur Manganese	12	0	Fall of Sides
8	26/04/11	Charki Mica	4	0	Fall of Sides
9	04/06/12	Make Myebya Wolfrom	4	0	Fall of Sides
10	21/10/13	North Anantapur Gold	7	0	Fall of Roof
11	24/07/14	Maya Salt	5	2	Explosives
12	05/11/14	Tadaiya Mica	5	0	Irruption of Water
13	12/08/16	Wazunchaung Wolfram	9	0	Miscellaneous on Surface
14	13/05/19	Aulajhari Manganese	4	2	Fall of Sides
15	28/01/20	Hsaikho(Mile 28.6) Limestone	5	0	Fall of Sides
16	13/09/20	Bhalua Mica	4	0	Suffocation by Gases
17	18/09/20	Badwin Lead-Silver	11	0	In Shaft Ascending/Descending
18	19/02/23	Bawdwin Silver-Lead-Zinc	6	1	In Shaft Ascending/Descending
19	20/02/23	Cherangcode Mica	7	1	Fall of Sides
20	01/03/27	Telewadi Manganese	4	0	Fall of Sides
21	26/05/27	Bawdwin Silver-Lead	5	0	Suffocation by Gases
22	10/09/27	Tarki Limestone	4	0	Fall of Sides
23	12/10/27	Kyauktalone Limestone	9	18	Explosives
24	16/05/29	Bawdwin Silver-Lead-Zinc	10	0	Fall of Roof
25	06/01/31	Kanbank Tin and Wolfram	4	0	Fall of Sides
26	14/09/31	Taungpila Tin	5	0	Fall of Sides
27	12/04/32	Lady Rangi Mica	19	0	Suffocation by Gases
28	24/08/36	Wagon North Tin & Wolfram	7	0	Fall of Sides
29	26/02/37	Salaiya Pahari Limestone	9	0	Fall of Sides
30	22/12/38	Matauni Mica	4	0	Fall of Sides
31	05/10/40	Porcupine Steatite	4	2	Fall of Roof
32	15/07/43	Tatahwa Mica	5	0	Falling Down Shaft
33	07/11/45	Noamundi Iron	4	0	Fall of Sides
34	13/05/46	Kaza Limestone	4	0	Fall of Sides
35	06/12/46	Pattabhirama & Margin Mica	8	0	Irruption of Water
36	21/01/49	Kharonia Mica	5	0	Explosives
37	08/07/50	Basorhai Diamonds	6	0	Fall of Sides
38	14/06/51	Mysore Gold	4	0	Rock Burst
39	11/10/51	Oorgaum Gold	9	9	Rock Burst
40	02/11/51	Champion Reef Gold	4	0	Rock Burst

Statement 4.13 (Continued)

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
41	19/04/52	Champion Reef Gold	20	4	Rock Burst
42	30/06/52	Champion Reef Gold	10	5	Rock Burst
43	01/05/53	Lanjhera Manganese	5	2	Fall of Sides
44	21/06/54	Kachhidhana Manganese	5	1	Fall of Sides
45	30/11/54	Mysore Gold	4	1	Rock Burst
46	23/12/54	Venkajigudda(Vajra)Manganese	5	0	Fall of Sides
47	27/05/55	Champion Reef Gold	10	8	Rock Burst
48	21/04/56	Yeshwantanagar Manganese	5	1	Fall of Sides
49	18/08/56	Tikuri Bauxite	5	0	Fall of Sides
50	22/01/57	Madadakere Manganese	4	0	Fall of Sides
51	29/09/57	Rajupalem Barytes	11	2	Fall of Sides
52	19/02/58	Aytemvalasa Manganese	7	3	Fall of Sides
53	12/05/59	Siddimella Steatite	8	0	Fall of Sides
54	14/05/59	Serima White Earth	4	2	Fall of Roof
55	26/06/61	Gua Iron	4	1	Explosives
56	24/03/62	Champion Reef Gold	4	4	Rock Burst
57	01/06/63	Junawani Manganese	5	2	Fall of Sides
58	13/08/63	Nundydroog Gold	5	2	Rock Burst
59	16/02/64	Sonnedenhalli Iron	4	1	Fall of Sides
60	13/10/64	Patnibona (Bakudih) Stone	6	0	Fall of Sides
61	06/02/66	Mysore Gold	7	0	Overwinding
62	02/08/66	Borgafall Iron	5	0	Explosives
63	25/12/66	Venkateshwara Beryl & Mica	6	0	Fall of Sides
64	06/06/68	Sarvodaya Stone	7	0	Explosives
65	19/11/69	Morija Iron	4	3	Fall of Sides
66	14/10/70	Bhadrasai Manganese	4	0	Fall of Sides
67	29/01/71	Bhatti Badarpur Stone	4	0	Fall of Sides
68	20/06/72	Balawali Mica	4	0	Fall of Roof
69	22/08/78	Kukda Limestone	7	6	Fall of Sides
70	10/05/80	Kalidungri Dolomite	5	0	Fall of Sides
71	17/08/80	Bhatti Badarpur Stone	4	0	Fall of Sides
72	08/09/83	Manoharpur Iron	4	1	Truck
73	04/04/84	Surda Copper	5	0	Nitrous Fumes
74	30/05/84	Ahmedabad Oil Project	4	0	Fire
75	22/02/86	Rekha Fluorspar	8	2	Fall of Sides
76	15/11/88	Ankleshwar Oil Project	5	0	Outbreak of Fire
77	14/07/89	Nundydroog Gold	5	0	Rock Burst
78	30/05/90	Bhatti Badarpur Stone	7	0	Fall of Sides
79	22/06/91	Bandu Basaria Limestone	6	1	Fall of Overhangs
80	11/07/93	Pali Silica Sand	4	0	Fall of Sides
81	25/10/93	Pokarna Granite	5	1	Explosives
82	09/07/94	Maruthi Manganese	4	1	Fall of Sides
83	28/08/94	Rajpura Dariba Galena & Sphal.	13	0	Irruption of Water
84	16/02/95	Pali Silica Sand	4	0	Fall of Sides
85	08/11/96	God Granite	4	6	Explosives

Statement 4.13 (Continued)

Sl. No.	Date of Accident	Name of Mine	Number of Persons		Cause of Accident
			Killed	S/Injured	
1	2	3	4	5	6
86	17/04/99	Barkundi Soapstone No. 1	6	2	Fall of Sides
87	21/04/01	Jogogoria Stone Mine	4	0	Explosion/Ignition of Gas
88	02/06/02	Borli Limestone Mine	4	0	Fall of Sides
89	18/11/02	Devka Harmada Cheja Pathar Mine	5	2	Fall of Overhang
90	11/03/06	Surya Granite Opencast Mine	4	0	Fall of Object
91	12/09/06	Tollem Group Iron Ore Mine	6	0	Fall of Sides
92	10/07/07	Mandodi Limestone Mine	5	1	Fall of Sides
93	12/05/08	SMS Infrastructure Ltd. Stone	9	20	Other explosive accident
94	25/02/10	Hamsa Mineral Granite Mine	14	1	Fall of Sides
95	26/03/10	Bharkundi No. 1 Soapstone Mine	8	0	Fall of Sides
96	24/04/10	Prashant Mining Quartz & Felspar Mine	4	0	Fall of Overhang
97	27/08/10	Deokhera Garnet Mine	5	0	Fall of Overhang
98	23/07/13	Granite Buid Stone Quarry SY 376/3-2	4	1	Fall of Overhang
99	26/11/14	PIPALJORI STONE MINE	4	0	Fall of Slides

STATEMENT NO. 4.14

Particulars of court of enquiries instituted under the Mines Act to enquire into the accidents in non-coal mines during the year 1901-2014

Sl. No.	Date of Accident	Name of Mine & Cause	No. of Persons Killed	Constitution of Court of Enquiry	Assessors
1	2	3	4	5	6
				S/Shri	S/Shri
1	07/11/45	Noamundi Iron (Fall of Sides)	4	Information not readily avaible.	
2	19/04/52	a) Champion Reef Gold (Rock Burst)	20	Dy. Commissioner, Kolar	1. Chief Inspector of Mines 2. Ex.C.I.M. & Explosives 3. W.T.Hooking, Mining Engr. 4. M.C.Narsimhan,(Labour)
	30/06/52	b) Champion Reef Gold (Rock Burst)	10		
	19/08/52	c) Oorgaum Gold (Rock Burst)	1		
3	10/01/83	a) Bhatti Badarpur Stone (Fall of Sides)	1	Justice V.S.Deshpande	1. S.Sankaran 2. S.L.Passy,(INTUC)
	16/01/83	b) Bhatti Badarpur Stone (Fall of Sides)	1		
	24/01/83	c) Bhatti Badarpur Stone (Fall of Sides)	3		

PCIM-25-2014(Vol.II) (Non Coal)
125-2016(DSK-III)

June 2016

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