



VIII A. SCHEME-WISE PHYSICAL PERFORMANCE OF IBM DURING 2012-13

Sl No.	Activity	Target for Annual Plan 2012-13	Achievement up to March, 2013
Scheme No.1 Inspection of Mines for Scientific and Systematic Mining, Mineral Conservation and Mine Environment.			
1.	Inspection of Mines for enforcement of provision of MCDR, 1988 and examination of MP/MS	2500 Mines	2520 Mines Inspections
2.	RMGS Studies	12 Studies	12 studies completed
3.	Approval of Mining Plans & Scheme of Mining	No. of cases as and when received	197 Mining Plans and 488 Schemes of Mining approved
Scheme No.2 Mineral Beneficiation Studies, Utilization of Low grade and Sub grade Ores and Analysis of Environmental Samples.			
	i) Ore dressing investigations	60	59
	ii) Chemical Analysis	40,000	42771
	iii) Mineralogical studies	2.300	2509
	iv) In-plant studies	As and when required	09
Scheme No.3 Technological Up gradation and Modernisation.			
1.	Technical Consultancy Assignments	5-7 assignments	3 completed
2.	Mining Research	3-4 studies	2 completed, 1 in progress
3.	Training courses	16 courses	18 courses conducted
4.	Updation of Mineral Maps with forest overlays	100 multi mineral maps will be updated covering the states of Karnataka and Odisha	Completed.
5.	Updation of NMI adopting UNFC	<p>Updation of NMI as on 1.4.2010 will be completed in all respect.</p> <p>b) Preparation of Analytical notes of 70 Minerals as on 1.4.2010</p>	<p>Updation of NMI as on 1.4.2010 has been completed in all respect.</p> <p>Analytical notes of 70 Minerals as on 1.4.2010 have been prepared</p>

Sl No.	Activity	Target for Annual Plan 2012-13	Achievement up to March, 2013
Scheme No.4 Collection, Processing, Dissemination of Data of Mines and Minerals through Various Publications			
1.	Release of IBM publications	18 Publications will be finalised & brought out	26 Publications have been finalised & brought out
2.	Advisory Role	As & when received	225 PQ & 492 ministry references have been replied
Scheme No.5: Computerised Online Register of Mining Tenements System.			
1	To develop an online National Mineral Information System by linking Central and State organisations engaged in administration of mineral resources in the country.	Approval of DPR and preparation of SFC proposal	DPR has been approved by core committee and SFC is under consideration of Ministry.
Scheme No.6: Capacity Building of State Governments - Development & Implementation of Ore Accounting Software by NIC.			
1	Implementation of Rule 45 of MCDR, 1988 by developing uniform ore accounting software with interface to Railways, Ports, MMTC & DGCI&S and Custom	Identification of agency for preparation of DPR and award of work after Ministry's approval.	Ministry has conveyed 'In principle' approval for engaging NISG for preparation of DPR. NISG submitted Inception Report to IBM.



VIII B. SCHEME-WISE FINANCIAL PERFORMANCE OF IBM DURING 2012-13

(₹ in Lakhs)

Sl No.	Name of the Scheme / Programme	BE 2012-13	RE 2012-13	FE 2012-13	Actual Expenditure
1	Scheme No. 1: Inspection of Mines for Scientific and Systematic Mining, Mineral Conservation and Mines Environment.	654.00	839.00	811.00	804.22
2	Scheme No. 2: Mineral Beneficiation Studies – Utilisation of Low grade and Sub-grade Ores and Analysis of Environmental Samples	573.00	573.00	634.00	570.05
3	Scheme No. 3: Technological Upgradation and Modernisation	389.00	389.00	380.00	378.88
4	Scheme No. 4: Collection, Processing, Dissemination of Data on Mines and Minerals through various Publications	215.00	215.00	219.00	213.06
5	Scheme No. 5: Computerised Online Register of Mining Tenements System	80.00	80.00	78.00	77.97
6	Scheme No. 6: Development and Implementation of Ore Accounting Software	50.00	50.00	16.00	15.75
7	Tribal Area Sub-Plan Tribal Welfare Fund	96.00	96.00	0.00	-
8	Capital Expenditure (Works Outlay)	1.00	1.00	0.00	-
9	Motor Vehicles	15.00	15.00	0.00	-
10	Machinerv & Equipments	87.00	142.00	0.00	73.49
	Capital Outlay (NER)	55.00	-	-	-
	Lump-Sum-Provision for NER	185.00	-	-	-
	Total Plan	2400.00	2400.00	2138.00	2133.42
	Non-Plan	4350.00	4786.45	4787.00	4784.96
	Construction (MOUD Budget)				



IX. RETURN ON ILLEGAL MINING FOR THE YEAR 2012-13

Major Minerals						
States	No of Cases	Quantum of mineral / Ore excavated / stacked / Transported (in lakh tonnes)	Value of Mineral (₹ lakh)	FIR lodged (Nos.)	Cases filed	Fines realised (₹ lakh)
ANDHRA PRADESH	791	0.404	102.96	0	0	413.159
ASSAM	0	0	0	0	0	0
CHHATTISGARH	253	0.052	53.801	0	253	123.256
GOA	0	0	0	0	0	0
GUJARAT	204	0.461	113.092	7	0	115.452
HARYANA	0	0	0	0	0	0
JHARKHAND	15	0.029	11.08	10	0	1.82
KARNATAKA	141	0.0507	31.57	17	2	104.72
KERALA	17	0.028	1.172	0	0	5.55
MADHYA PRADESH*	118	*	29.61	0	118	43.879
MAHARASHTRA	2	0	0	0	0	0.5
MIZORAM	0	0	0	0	0	0
ODISHA	313	2.342	1703.89	2	0	243.99
PUDUCHERRY	0	0	0	0	0	0
PUNJAB	0	0	0	0	0	0
RAJASTHAN	720	1.1008	60.263	291	1	227.304
SIKKIM	0	0	0	0	0	0
TAMIL NADU	4	0.12	7.05	0	0	17.229
TRIPURA	0	0	0	0	0	0
UTTAR PRADESH	8	0	1.28	0	0	2.08
WEST BENGAL	478	0.043049	652.3	556	0	0
Total	3064	4.630549	2768.068	883	374	1298.939
*Note :Quantity of mineral /ore excavated/stacked/transported is 7576.55 cu.mt						

Minor Minerals						
Status	No of Cases	Quantum of mineral / Ore excavated / stocked / Transported (in lakh tonnes)	Value of Mineral (Rs. lakh)	FIR lodged (Nos.)	Cases filed	Fines realised (Rs. lakh)
ANDHRA PRADESH	15801	12.355	822.98	0	0	2268.756
ASSAM	0	0	0	0	0	0
CHHATTISGARH	2985	3.329	340.073	0	2985	320.337
GOA	0	0	0	0	0	0
GUJARAT	5819	60.391	19052.918	68	2	34868.74
HARYANA	3517	8.251	221.997	227	0	475.55
JHARKHAND	648	3.952	171.12	194	0	150.89
KARNATAKA	6536	3.195	627.65	87	111	1509.65
KERALA	4533	41.638	24839.00	0	0	532.02
MADHYA PRADESH*	7051	*	6840.884	1	7033	4253.78
MAHARASHTRA	42916	0	0	0	0	3146.23
MIZORAM	16	0.007	0	0	0	0.805
ODISHA	1	0	0.02	0	0	0
PUDUCHERY	0	0	0	0	0	0
PUNJAB	19	0.024	1.02	37	0	0.28
RAJASTHAN	2141	7.545	604.35	451	31	862.64
SIKKIM	0	0	0	0	0	0
TAMIL NADU	291	25.567	294.33	842	1	2746.91
TRIPURA	0	0	0	0	0	0
UTTAR PRADESH	3258	0	430.33	0	0	756.13
WEST BENGAL	1	0.019	0.14	1	0	0
	95533	166.273	54246.812	1908	10163	51892.718
Total	0	0	0	0	0	0

***Note :Quantity of mineral /ore excavated/stacked/transported is 3603015.84 cu. mt**

X. MINERAL PRODUCTION

3. खनिज उत्पादन, मार्च 2013
(परमाणु खनिजों और गैर खनिजों को छोड़कर)
खनिजवार

3. MINERAL PRODUCTION, MARCH 2013 (Excluding Atomic Minerals and Minor Minerals) MINERAL-WISE

खनिज	Mineral	इकाई Unit	मार्च 2013 March 2013		फरवरी 2013 February 2013		अप्रैल 2012 - मार्च 2013 Apr 2012 - Mar 2013		अप्रैल 2011 - मार्च 2012 Apr 2011 - Mar 2012	
			मात्रा / Qty.	मुल्य / Val.	मात्रा / Qty.	मुल्य / Val.	मात्रा / Qty.	मुल्य / Val.	मात्रा / Qty.	मुल्य / Val.
सभी खनिज	All Minerals			217231996		181564931	2227474992			2286553300
ईंधन खनिज	Fuel Minerals			170330867		141622884	1721666541			1754974835
कोयला	Coal	'000t	65019	85044732	51437	719285437	539950			701719100
लिग्नाइट	Lignite	'000t	5410	6483593	4194	5045793	46458			53376500
प्राकृतिक गैस (उपभुक्त)	Natural Gas (ut.)	m c m	3112	19919912	2817	18031617	39733			304425159
पेट्रोलियम (अपरिष्कृत)	Petroleum (crude)	'000t	3225	58882630	2876	52510526	37868			695454076
धात्विक खनिज	Metallic Minerals			40012869		33850078	435918590			470320151
बॉक्साइट	Bauxite	t	1851618	736096	1543842	622022	15360464			13599566
क्रोमाइट	Chromite	t	389240	4428176	266525	2080503	2950115			2923435
ताम्र अयस्क	Copper Ore	t	399362	0	336123	0	3638751			3479189
ताम्र सान्द्र	Copper Conc.	t	13098	600314	9550	542598	123655			130456
सोना अयस्क	Gold Ore	t	35591	0	38922	0	470561			491562
सोना (कुल)	Gold (total)	kg	135	376069	127	365942	1588			2194
सोना (प्राथमिक)	Gold (primary)	kg	135	376069	127	365942	1588			2194
सोना (उप उत्पाद)	Gold (by-product)	kg	0	0	0	0	0			0
लोह अयस्क (कुल)	Iron Ore (total)	'000t	11862	26234912	10170	24461406	136019			168582
लोह अयस्क (डिसे)	Iron Ore (lumps)	'000t	4828	14592625	4205	13867521	53888			62799
लोह अयस्क (चुरा)	Iron Ore (fines)	'000t	6993	11604283	5888	10426350	81808			105383
लोह अयस्क (सान्द्र)	Iron Ore Conc.	'000t	41	38004	77	167535	323			400
सीसा व जस्त अयस्क	Lead & Zinc Ore	t	732603	0	695070	0	8582015			8041881
सीसा सान्द्र	Lead Conc.	t	17978	435264	16347	310778	184485			161854
जस्त सान्द्र	Zinc Conc.	t	160525	3432036	137699	2271942	1492781			1414009
मैंगनीज अयस्क	Manganese Ore	t	262167	1444622	237240	1341553	2322214			2411871
चांदी	Silver	kg	42998	2324042	32574	1851686	374046			207144
टिन सान्द्र	Tin Conc.	kg	2190	1338	2998	1648	47776			48765
अधात्विक खनिज	Non-metallic Minerals			6888260		6091969	69889861			61258314
अगैट	Agate	t	50	25	70	35	493			476
अपेटाइट	Apatite	t	90	194	100	210	572			3053
फॉस्फोरॉइट	Phosphorite	t	147923	777608	226774	607881	2124326			2259726
एस्बेस्टोस	Asbestos	t	78	2946	19	1149	387			276
सुशट्टय मृत्तिका	Ball Clay	t	136392	71257	135918	69022	1855654			1646516
बेराइट्स	Barytes	t	160056	664726	142223	591330	1738824			1776980
कैल्साइट	Calcite	t	13398	4518	11593	3602	72076			54081

क्रमशः / (Contd.....)

3. खनिज उत्पादन, मार्च 2013
(परमाणु खनिजों और गौण खनिजों को छोड़कर)
खनिजवार

3. MINERAL PRODUCTION, MARCH 2013
(Excluding Atomic Minerals and Minor Minerals)
MINERAL-WISE

(मूल्य '000 रुपये / Value in Rs.'000)

खनिज इकाई Unit	Mineral	मार्च 2013 March 2013		फरवरी 2013 February 2013		अप्रैल 2012 - मार्च 2013 Apr 2012 - Mar 2013		अप्रैल 2011 - मार्च 2012 Apr 2011 - Mar 2012	
		मात्रा / Qty.	मूल्य / Val.	मात्रा / Qty.	मूल्य / Val.	मात्रा / Qty.	मूल्य / Val.	मात्रा / Qty.	मूल्य / Val.
खडिया	Chalk	14198	5683	14392	7309	166931	174562	178736	70458
मृत्तिका अन्य	Clay (others)	167787	29865	178566	28200	1987136	228715	1417684	128017
कोरंडम	Corundum	0	0	0	0	0	0	37000	130
हिरा	Diamond	4408	49108	2785	28309	31989	366471	18490	198240
डायस्पोर	Diaspore	1934	3291	1349	1937	16030	24896	23818	35654
डोलोमाइट	Dolomite	641961	208300	608190	199995	6712840	2131604	5968554	1737037
ड्युनाइट	Dunite	4930	6710	5245	7169	86495	75777	38774	25450
फेल्स्पार	Felspar	112382	30733	132609	36166	1291493	383189	835526	255408
अग्नि मृत्तिका (1)	Fireclay (1)	68340	13414	53603	11066	816692	152309	983155	158016
फेल्साइट	Felsite	82	59	86	61	1196	1346	1117	2590
फ्लूओराइट (श्रेणीकृत)	Fluorite (graded)	957	4691	339	1815	3107	13448	5010	12270
गार्नेट (अपघर्ष)	Garnet (abrasive)	39963	70984	44855	61223	1277971	1262859	1717904	981625
गार्नेट (रत्न)	Garnet (gem)	0	0	0	0	0	0	0	0
ग्रेनाइट (खान निर्गत)	Graphite (r.o.m.)	17360	6058	10009	5477	132156	68052	153339	69449
जिप्सम	Gypsum	512337	242640	309762	146810	3537755	1709725	3978806	1686042
आयोलाइट	Iolite	0	0	0	0	0	0	0	0
जैस्पर	Jasper	0	0	0	0	0	0	0	0
केओलिन (कुल)	Kaolin (total)	319026	74437	344772	75866	3678930	991168	3076795	652368
केओलिन (प्राकृतिक) (6)	Kaolin (natural) (6)	312266	57019	338445	60152	3569979	684413	3000661	518389
केओलिन (संसाधित) (7)	Kaolin (processed) (7)	6760	17418	6327	15714	108951	306755	76134	133979
कायनाइट	Kyanite	0	0	3	5	1066	1249	4064	4802
सिलिमनाइट	Sillimanite	4958	32941	4539	32863	43736	360411	59206	522737
लेटेराइट	Laterite	356656	60706	308661	57892	3372636	545379	2815275	395548
चूना पथर	Limestone	26279	4147254	23657	3758499	279736	43216622	262568	40768303
चूना कंकड़	Limekankar	7621	1768	15442	3351	217918	38529	311219	59469
लाइम शैल	Limeshell	2163	3382	2348	3316	23228	39801	33225	40788
मैग्नेसाइट	Magnesite	19927	39505	16233	32944	213377	362697	224104	354977
मार्ल	Marl	414968	24556	354081	20232	4360302	266915	4140577	272904
अशुद्ध (अपरिष्कृत)	Mica (crude)	119533	3289	112141	2860	1254914	39628	1898852	68670
अशुद्ध (अपरिष्कृत स्क्रैप) (2)	Mica (waste & Scrap) (2)	1857952	0	1877688	0	14668644	0	14186410	0
गेरू	Ochre	162973	58692	203015	64224	1794475	452495	1576265	276937
परलाइट	Perlite	0	0	0	0	0	0	0	0
पायरोफाइलाइट	Pyrophyllite	22553	13695	22429	14556	245399	149108	255891	139510

क्रमशः / Contd.....)

3. खनिज उत्पादन, मार्च 2013
(परमाणु खनिजों और गौण खनिजों को छोड़कर)
खनिजवार

3. MINERAL PRODUCTION, MARCH 2013
(Excluding Atomic Minerals and Minor Minerals)
MINERAL-WISE

खनिज	Mineral	इकाई Unit	मार्च 2013 March 2013		फरवरी 2013 February 2013		अप्रैल 2012 - मार्च 2013 Apr 2012 - Mar 2013		अप्रैल 2011 - मार्च 2012 Apr 2011 - Mar 2012	
			मात्रा / Qty.	मूल्य / Val.	मात्रा / Qty.	मूल्य / Val.	मात्रा / Qty.	मूल्य / Val.	मात्रा / Qty.	मूल्य / Val.
पायरोक्सोनाइट	Pyroxenite	t	279	75	444	120	54257	16817	86031	33113
क्वार्ट्ज	Quartz	t	101747	24846	108218	25948	1041133	259646	782575	173890
क्वार्ट्जाइट	Quartzite	t	33294	21812	37151	22478	364894	206952	272141	139207
सिलिका बालू	Silica Sand	t	280895	60476	266523	56290	3690016	823828	4867667	714062
बालू (अन्य)	Sand (others)	t	257205	23053	251018	19449	2628935	186154	2625111	162965
नमक (सैंध)	Salt (rock)	t	0	0	0	0	0	0	0	0
शैल	Shale	t	274700	14337	234691	12126	3048568	155697	3439775	139066
स्लेट	Slate	t	22	21	186	176	278	263	0	0
स्टियटाइट	Steatite	t	82651	74915	75782	76648	939022	825559	998438	878590
सेलेनाइट	Selenite	t	250	333	395	525	7577	9968	13047	16105
गंधक (3)	Sulphur (3)	t	28844	0	37901	0	449004	0	381146	0
वर्मिकुलाइट	Vermiculite	t	1078	614	549	435	7689	5544	10194	7085
वोलस्टोनाइट	Wollastonite	t	17113	14743	2892	2400	141550	127033	184445	159974

(समाप्त / Concltd.)



XI. MINERAL RESERVES / RESOURCES

ALL INDIA MINERAL RESERVES/RESOURCES AS ON 01.04.2010 - SUMMARY

SI No.	Mineral	Unit	Reserves	Remaining Resources	Total Resources
1	Alexandrite	-	N. E.	N. E.	N. E.
2	Andalusite	'000 tonnes	-	18,450	18,450
3	Antimony				
	Ore	tonne	-	10,588	10,588
	Metal		-	174	174
4	Apatite	tonne	2,090,216	22,138,530	24,228,746
5	Asbestos	tonne	2,510,841	19,655,762	22,166,603
6	Ball clay	tonne	16,777,842	66,615,662	83,393,504
7	Barytes	tonne	31,584,128	41,149,746	72,733,874
8	Bauxite	'000 tonnes	592,938	2,886,682	3,479,620
9	Bentonite	tonne	25,060,508	543,306,838	568,367,346
10	Borax	tonne	-	74,204	74,204
11	Calcite	tonne	2,664,338	18,281,110	20,945,448
12	Chalk	'000 tonnes	4,332	585	4,917
13	China clay	'000 tonnes	177,158	2,528,049	2,705,207
14	Chromite	'000 tonnes	53,970	149,376	203,346
15	Cobalt (Ore)	Million tonnes	-	44.91	44.91
16	Copper				
	Ore	'000 tonnes	394,372	1,164,086	1,558,458
	Metal		4,768.33	7,518.34	12,286.67
17	Corundum	tonne	597	740,194	740,792
18	Diamond	carats	1,045,318	30,876,432	31,921,750
19	Diaspore	tonne	2,859,674	3,125,144	5,984,818
20	Diatomite	'000 tonnes	-	2,885	2,885
21	Dolomite	'000 tonnes	738,185	6,992,372	7,730,557
22	Dunite	'000 tonnes	17,137	168,232	185,369
23	Emerald	-	N. E.	N. E.	N. E.
24	Feldspar	tonne	44,503,240	87,832,212	132,335,452
25	Fire clay	'000 tonnes	30,104	683,415	713,519
26	Fluorite	tonne	4,712,316	13,501,588	18,213,904
27	Fullers Earth	tonne	58,200	256,593,879	256,652,079
28	Garnet	tonne	19,324,793	37,638,032	56,962,824
29	Gold				
	Ore (Primary)	tonne	24,124,537	469,570,375	493,694,912
	Metal (Primary)		110.54	549.30	659.84
	Ore (Placer)		-	26,121,000	26,121,000
	Metal (Placer)		-	5.86	5.86
30	Granite (Dimension Stone)	'000 cu m	263,692	45,966,608	46,230,300
31	Graphite	tonne	8,031,864	166,817,781	174,849,645
32	Gypsum	'000 tonnes	39,096	1,247,402	1,286,498
33	Iron Ore (Haematite)	'000 tonnes	8,093,546	9,788,551	17,882,097
34	Iron Ore (Magnetite)	'000 tonnes	21,755	10,622,305	10,644,060
35	Kyanite	tonne	1,574,853	101,670,767	103,245,620
36	Laterite	'000 tonnes	24,714	446,119	470,833

No	Mineral	Unit	Reserves	Remaining Resources	Total Resources
37	Lead and Zinc				
	Ore	'000 tonnes	108,980	576,615	685,595
	Lead metal		2,245.01	9,304.38	11,549.39
	Zinc metal		12,453.26	24,211.64	36,664.90
	Lead +Zinc metal		0	118.45	118.45
38	Limestone	'000 tonnes	14,926,392	170,008,720	184,935,112
39	Magnesite	'000 tonnes	41,950	293,222	335,172
40	Manganese ore	'000 tonnes	141,977	288,003	429,980
41	Marble	'000 tonnes	276,495	1,654,968	1,931,463
42	Marl	tonne	139,976,150	11,704,870	151,681,020
43	Mica	Kg.	190,741,448	341,495,531	532,236,979
44	Molybdenum				
	Ore	tonne	-	19,286,732	19,286,732
	Contained MOS ₂			12,640	12,640
45	Nickel Ore	Million tonnes	-	189	189
46	Ochre	tonne	54,942,176	89,319,089	144,261,265
47	Perlite	'000 tonnes	428	1,978	2,406
48	Platinum Group of Metals (PGM)	tonnes of metal content	-	15.7	15.7
49	Potash	Million tonnes	-	21,816	21,816
50	Pyrite	'000 tonnes	-	1,674,401	1,674,401
51	Pyrophyllite	tonne	23,275,451	32,807,451	56,082,902
52	Quartz/ Silica Sand	'000 tonnes	429,223	3,069,808	3,499,031
53	Quartzite	000' tonnes	86,599	1,164,649	1,251,248
54	Rock Phosphate	tonne	34,778,650	261,505,701	296,284,351
55	Rock Salt	'000 tonnes	16,026	-	16,026
56	Ruby	Kg	236	5,112	5,348
57	Sapphire	Kg	-	450	450
58	Shale	'000 tonnes	15,331	580	15,911
59	Sillimanite	tonne	4,085,052	62,902,385	66,987,437
60	Silver				
	Ore	tonne	187,558,668	279,426,291	466,984,959
	Metal		8,039.57	19,588.68	27,628.25
61	Slate	'000 tonnes	0	2,369	2,369
62	Sulphur (Native)	'000 tonnes	-	210	210
63	Talc/Steatite/Soapstone	'000 tonnes	90,026	178,996	269,022
64	Tin				
	Ore	tonne	7,131	83,719,066	83,726,197
	Metal		1,132.43	101,142.41	102,274.84
65	Titanium minerals	tonne	22,030,223	371,965,694	393,995,917
66	Tungsten				
	Ore	tonne	-	87,387,464	87,387,464
	Contained WO ₃		-	142,094.35	142,094.35
67	Vanadium				
	Ore	tonne	410,955	24,307,933	24,718,888
	Contained V ₂ O ₅		1,602.72	63,284.45	64,887.17
68	Vermiculite		1,704,007	803,003	2,507,010
69	Wollastonite		2,487,122	14,082,751	16,569,873
70	Zircon	tonne	1,347,470	1,786,482	3,133,952

Figures rounded off.

N.E. :- Not Estimated



XII. CIRCULARS ISSUED BY IBM

भारत सरकार / Government of India

खान मंत्रालय / Ministry of Mines

भारतीय खान ब्यूरो / Indian Bureau of Mines

मुख्य खान नियंत्रक का कार्यालय / Office of the Chief Controller of Mines

No. K-11011/1/2011-CCOM-VOL-I (PF)

Nagpur, dated 10/01/2013

CIRCULAR NO 1/2013

Sub: Dumping of waste outside the ML areas

In order to improve efficiency of regulation of Mining of Minerals through MCDR'88, it is hereby informed that any dumping of waste outside the mining lease boundary proposed in the approved Mining Plan / Scheme of Mining, etc. shall be permitted only after specific approval of the competent authority has been obtained by the mining lessee / mine owner. Further before commencing such dumping of waste, the mining lessee / mine owner shall submit a copy of the valid clearance / approval of the authority concerned to the Regional office of Indian Bureau of Mines.

This issues with approval of the Controller General, Indian Bureau of Mines, Nagpur.

(M.V. Sahasrabudhe)
Regional Controller of Mines

To,

1. The Regional Controller of Mines, Indian Bureau of Mines, Ajmer / Bangalore / Bhubaneswar / Chennai / Dehradun / Goa / Hyderabad / Jabalpur / Kolkata / Nagpur / Ranchi / Udaipur.
2. The Controller of Mines (NZ/CZ/SZ), Indian Bureau of Mines, Ajmer / Nagpur / Bangalore.
3. The Technical Secretary, Indian Bureau of Mines, Nagpur, with reference to your letter No. T-42042/CGBM/Shah Commission/2012 dated 13.09.2012.

भारत सरकार / Government of India
खान मंत्रालय / Ministry of Mines
भारतीय खान ब्यूरो / Indian Bureau of Mines
मुख्य खान नियंत्रक का कार्यालय / Office of the Chief Controller of Mines

No. K-11011/1/2011-CCOM-VOL-I(PF)

Nagpur, dated 10/01/2013

CIRCULAR NO 2/2013

Sub: Extent of implementation of Approved Mining Plan/Scheme of Mining by the Lessees / Mine Owners.

The Mining Plan / Scheme of Mining document prepared under MM(D&R) Act 1957, MCR 1960 and MCDR 1988 are primarily meant for ensuring scientific & systematic development of Mineral deposits with due care to conservation of Mineral and Environment protection measures of the mine. Therefore, the extent of implementation plays a vital role in ensuring the above objectives for greater national perspective.

The Regional offices of Indian Bureau of Mines are advised to ensure the completion of implementation status of Approved Mining Plan / Scheme of Mining from the Mine Owners / Lessees as per the enclosed Annexure for uniformity for 2011-12 under Rule 63 of MCDR 1988 and post it on the IBM Website within 6 months. The same need to continue for subsequent years too.

This issues with approval of the Controller General, Indian Bureau of Mines, Nagpur.

Encl.: as stated.

(M.V. Sahasrabudhe)
Regional Controller of Mines

To,

1. The Regional Controller of Mines, Indian Bureau of Mines, Ajmer / Bangalore / Bhubaneshwar / Chennai / Dehradun / Goa / Hyderabad / Jabalpur / Kolkata / Nagpur / Ranchi / Udaipur.
2. The Controller of Mines (NZ/CZ/SZ), Indian Bureau of Mines, Ajmer / Nagpur / Bangalore.
The Technical Secretary, Indian Bureau of Mines, Nagpur, with reference to your letter No. T-42042/CGBM/Shah Commission/2012 dated 13.09.2012.

SELF-APPRAISAL NOTE to be submitted by Owner of the mine under Rule 63 of MCDR, 1988 stating extent of implementation of Approved Mining Plan/Scheme of Mining during the reporting year of 1/4/20__ to 31/3/20__ along with supporting plans/sections, representative photographs in hard as well as soft copy.

1	Mine Details		Mine Registration Number taken from IBM					
			Mine Code					
			Mineral					
			Name of The Mine					
			Lessee					
			Lease no of State Govt.(TC No for Goa)					
2	Details of Mining Plan/Scheme of Mining Approved on last Occasion		Reference No. of Approval Letter					
			Approving Authority	IBM	State Government			
Five year Implementation Period (Financial Year)		From	To					
3	Details of Modification sought/approved During the Reporting Year		Whether modification sought?		Yes		No	
			If yes, state reasons of seeking such modifications					
4	COMPLIANCE OF SALIENT FEATURES OF THE MINING PLAN / SCHEME OF MINING DURING THE YEAR							
			ACTIVITY		Proposal made in approved MP/SOM for the reporting year		Actual Implementation During the year	
	EXPLORATION	Type of Exploration	Surface sampling					
			Pitting					
			Trenching					
			Bore hole drilling					
		Expenditure in lakh Rupees						
		Reserve Estimation (including additional reserve estimation if any)						
		Resources Identification (including additional resource estimation if any)						
		Total Reserves and Resources						

MINING	Method of Mining Opencast/Underground/Combination of Both				
	Category A / B				
	Site of Mining (Mention position of working & R.L.)				
	Quantum of Waste				
	ROM Production				
	Gradewise Mineral Production(Same as given in MCDR Return form)				
	Mine Development	Opencast (Pit wise)	Bench Formation with R.L.		
			Stripping ratio		
			Top RL Bottom RL		
		Underground	Proposed Development in m		
			Name and Number of Stopes to be operated		
Stoping Operations					
Production in tonnes from Development, stopping Total					
SOLID WASTE MANAGEMENT	Site of Waste Disposal (Mention position & R.L.)				
	Mode of Waste Disposal & waste Dump Configuration (Advancing /Retreating method with number of lifts)				
	Waste Dump Stabilization/ Garland drain/ Retaining wall				
	Check dams/settling tanks				
BLASTING	Mode of Blasting (J/H Pop, Plaster shooting & Deep Hole)				
	Explosive Storage				
	Precaution against flying fragments, ground vibration				

MINE DRAINAGE	Likely depth of mining below water table		
	Expected pumping of sub-surface water		
	Mode of disposal of sub-surface water		
MINERAL BENEFICIATION	Feed quantity and Grade		
	Product quantity and Grade		
	Tailing quantity and Grade		
	Site of Tailing Disposal		
	Tailings Dam Management		
USE OF MINERAL	Preventive measures envisaged		
	End use of mineral produced at the mine		
	Provision of blending with high grade/ low grade ore		
ENVIRONMENT MANAGEMENT PLAN	Land Use Pattern in ha. Area exploited and abandoned Covered under O/c working Reclaimed and Rehabilitated Occupied by Infrastructure others		
	Afforestation with type of species		
	Reclamation & Rehabilitation of Land		
	Ambient air quality		
	Water quality		
	Noise Level		
COMMUNITY SOCIAL RESPONSIBILITY	Precautions undertaken for temporary Closure of mine		
	Drinking water (In Rupees)		
	Transport (In Rupees)		
	Health (In Rupees)		
	Sanitation (In Rupees)		
	Education (In Rupees)		
	Sports (In Rupees)		
	Recreation Facility (In Rupees)		
	Employment (In Rupees)		
	Housing(In Rupees)		
Infrastructure((In Rupees) Roads/Public transport/ communication/electricity			

5	Constraints faced at the mines during reporting year while implementing the salient features of the mining plan/ scheme of mining	
6	Corrective action envisaged by mine management for rectification of the deviation in implementation of salient feature of the mining plan/scheme of mining as observed under serial no 4	
7	Any other information to be included	

VERIFICATION

I certify that the information furnished above is correct and complete in all respects.

Date:
Place:

Signature:
Name in Full:

Designation: Lessee/Agent/Manager/Mining Engineer

Note: Wherever felt necessary, copy of the relevant plan/ section representative photograph with due integration with the above description is to be enclosed/ uploaded.

भारत सरकार / Government of India
खान मंत्रालय / Ministry of Mines
भारतीय खान ब्यूरो / Indian Bureau of Mines
मुख्य खान नियंत्रक का कार्यालय / Office of the Chief Controller of Mines

No. K-11011/1/2011-CCOM-VOL-I(PF)

Nagpur, dated 10/01/2013

CIRCULAR NO. 3/2013

Sub: Reconciling the list of working and non-working Mines with the State Government.

Instances have come to notice that the list of working and non-working mines compiled by the Regional Offices of Indian Bureau of Mines is not tallying with the list maintained by the State Directorate of Mines & Geology resulting in differences of opinion at various forums. It is not a co-ordinated approach and Ministry of Mines has been expressing concern over the matter.

In view of above, the Regional Offices are advised to reconcile the list of working and non-working mines with the State Directorate of Mines & Geology on quarterly basis and develop a mechanism to obtain updated list of Mines from the State(s) on regular basis.

It is also advised to request the concerned State Govt. to make necessary provisions for carrying out lease boundary demarcation as per CCOM Circular No. 2/2010 and its addendum.

This issues with approval of the Controller General, Indian Bureau of Mines, Nagpur.

(M.V. Sahasrabudhe)
Regional Controller of Mines

To,

1. The Regional Controller of Mines, Indian Bureau of Mines, Ajmer / Bangalore / Bhubaneshwar / Chennai / Dehradun / Goa / Hyderabad / Jabalpur / Kolkata / Nagpur / Ranchi / Udaipur.
2. The Controller of Mines (NZ/CZ/SZ), Indian Bureau of Mines, Ajmer / Nagpur / Bangalore.
The Technical Secretary, Indian Bureau of Mines, Nagpur, with reference to your letter No. T-42042/CGBM/Shah Commission/2012 dated 13.09.2012.

भारत सरकार / Government of India
खान मंत्रालय / Ministry of Mines
भारतीय खान ब्यूरो / Indian Bureau of Mines
मुख्य खान नियंत्रक का कार्यालय / Office of the Chief Controller of Mines

No. K-11011/1/2011-CCOM-VOL-I(PF)

Nagpur, dated 10/01/2013

CIRCULAR NO 4/2013

Sub: Preparation of Combined Mining Plans / Schemes of Mining.

This office vide letter issued through File No. N-11013/1/MP/89-CCOM Vol. II dated 09/12.10.1992 had advised the Zonal / Regional offices of Indian Bureau of Mines that in cases of mining plans of contiguous properties belonging to the same mine owner working the same mineral deposit through common pit / quarry or underground, the party may be allowed to submit a combined mining plan for the purpose of MCDR 1988 upto the period upto which the leases are co-terminus. Further, it was also clarified that preparation of combined mining plan upto the date till the leases are co-terminus shall not absolve them (party) of their obligation to submit separate mining plans for each of the leases in question under MCR at the time of renewal, etc.

Subsequently, after inception / notification of the Progressive Mine Closure Plans, this office vide Circular No. 1/2005 issued through File No. N-11013/3/MP/90-CCOM Vol. II dated 04.10.2005 had informed about the decision to allow the mine owner working the same mineral deposits through common pit / quarry or underground mine to submit a combined Progressive Mine Closure Plan under MCDR 1988, etc.

The above letter dated 09/12.10.1992 & circular dated 04.10.2005 has been reviewed in the light of recommendations of the report of Justice M.B. Shah Commission of Inquiry and it has been decided to withdraw the said letter dated 09/12.10.1992 & circular dated 04.10.2005 with immediate effect.

Further, it has also been decided that henceforth a combined scheme of mining for contiguous and co-terminus mining leases belonging to the same mine owner working the same mineral deposit shall be accepted only after amalgamation of mining leases permitted under the provisions of MCR, 1960.

This issues with approval of the Controller General, Indian Bureau of Mines, Nagpur.

(M.V. Sahasrabudhe)
Regional Controller of Mines

To,

1. The Regional Controller of Mines, Indian Bureau of Mines, Ajmer / Bangalore / Bhubaneswar / Chennai / Dehradun / Goa / Hyderabad / Jabalpur / Kolkata / Nagpur / Ranchi / Udaipur.
 2. The Controller of Mines (NZ/CZ/SZ), Indian Bureau of Mines, Ajmer / Nagpur / Bangalore.
- The Technical Secretary, Indian Bureau of Mines, Nagpur, with reference to your letter No. T-42042/CGBM/Shah Commission/2012 dated 13.09.2012.



XIII. SCHEDULE OF CHARGES FOR VARIOUS SERVICES

SCHEDULE OF CHARGES FOR CONSULTANCY SERVICES RENDERED BY MINING RESEARCH CELL INDIAN BUREAU OF MINES (with effect from- 01.03.2013)

SI No.	Category of Personnel		Rates for A-Category Mines (₹)	Rates for B-Category Mines (₹)
1.	A	DCOM / RMG / SMG / Sr. ACOM / ACOM / JMG	4,200/-	2,500/-
	B	AME / AMG / STA / JTA / D'Man	2,400/-	1,500/-
	C	Group 'C'	1,500/-	900/-
2.	Charges for Sub-contractor's services			
	1. Sub-contractor's Fee		Actual charges by the sub-contractor.	
	2. Service Charges of IBM		5% of sub-contractor's fee subject to minimum ₹ 5,000/-	
3.	Charges for Report	First Three Copies	20,000/-	10,000/-
		Each additional copy	5,000/-	1,500/-
		Each additional copy at later stage after completion of the project	10,000/-	5,000/-
4.	Due diligence of Mineral Property		5% of the total cost.	
5.	Service Taxes		Service Tax & Educational Cess extra.	
6.	Agreement Registration Charges		Actual to be borne by the party.	
7.	Sample analysis (Water & Soil)		Rates as notified by CPCB & MoEF.	
8.	Monitoring charges for Air Quality / Station / Season		₹ 19,716/- say Rs.20,000/-	₹ 15,816/- say ₹ 16,000/-

NOTE:

For the purpose of levying the above charges for consultancy services of Mining Research Cell, the following clarifications will apply:

- Charges towards installation / depreciation of instruments / equipment and consumable required for the field study will be borne by the client.
- In case of B-Category Mines, no charge will be leviable for the days spent in journey from the IBM Headquarter to the mine and from the mine to the IBM Headquarter.
- In addition to the charges mentioned above, the client will be required to pay for the expenses of TA & DA admissible to the individuals for the entire period of their tour undertaken in

connection with the services, except in the case of B-Category Mines who will not be charged the TA & DA expenses.

- If the client wants, the personnel of IBM may undertake journey by air even if they are not entitled for the same under general rules of the Government, provided that the client pays for the same.
- For field work, transport has to be provided by the client. But, if he is unable to do so and if departmental vehicle is available, this may be provided on payment of actual for POL and other contingent expenses etc.
- The rates mentioned above are exclusive of labour charges in connection with the cleaning of bushes, assistance in survey work, drawing of samples etc. These are to be charged for separately at actual if the labour is not provided by the client.

7. Any other ancillary work such as Chemical analysis, Mineralogical and other tests of Ore dressing investigation, if done in the IBM Laboratory / Pilot Plant / other recognised laboratories will be payable by the client separately as per the Schedule of charges fixed by the Government in this respect from time to time.

8. In case of long term investigations, (i.e. which has not been completed within one year from the date of receipt of advance), the above schedule will apply for the work done within one year from the date of receipt of advance and for the work done during each successive period of one year or part thereof, the schedule of charges as prevailing at the beginning of the period concerned will apply.

Mines will be categorised as follows:

- **A-Category:** A mine where the average employment exceeds 75 in workings below ground or 150 in all the mine or a mine where work is being carried on by a system of deep hole blasting and / or with the help of heavy machinery for drilling, excavation and transport of earth, stone, minerals etc.
- **B-Category:** Any other mine than that covered under A-Category Mine.

Explanation: The expression 'average employment' means the average per day of the total employment of the mine during the preceding quarter (obtained by dividing the number of working days excluding rest days and other non-working days).

**SCHEDULE OF CHARGES FOR THE ORE DRESSING DIVISION, INDIAN BUREAU OF MINES
WITH EFFECT FROM 1st MARCH, 2013**

Sl No.	Item of Work	Charges for 'A' Category Mines (₹)	Charges for 'B' Category Mines (₹)
A.	LABORATORY SCALE ORE DRESSING INVESTIGATIONS:		
I	Full Scale Laboratory Investigations (Involving Physical , Chemical and Mineralogical characterisation)		
1.	Complete Laboratory Scale Ore Dressing investigation involving studies for recovery of one mineral by various physical beneficiation methods (per sample)	2,05,000	1,45,000
2.	Complete Laboratory Scale Ore Dressing investigation involving studies for recovery of two or more minerals by various physical beneficiation methods (per sample)	4,10,000	2,90,000
II	Amenability Tests Involving Single Beneficiation Technique (Including Sample Preparation, Chemical Analysis and Mineralogy)		
1.	Flotation	1,65,000	1,20,000
2.	Gravity Separation (Jigging,Tabling, Heavy Media Separation, etc.)	1,65,000	1,20,000
3.	Magnetic Separation	1,65,000	1,20,000
4.	Deflocculation and bleaching studies (with PSA, Brightness,Chemical Analysis)	1,65,000	1,20,000
5.	Thickening / Filtration Studies	1,65,000	1,20,000
6.	Air Classification /Wet Classification	1,65,000	1,20,000
7.	Electrostatic Separation	1,65,000	1,20,000

SI No.	Item of Work	Charges for 'A' Category Mines (₹)	Charges for 'B' Category Mines (₹)
III	Single Ore Dressing Unit Operation Under Specified Conditions Including Chemical Analysis and Mineralogy (Per Test)		
1.	Flotation	35,000	25,000
2.	Gravity Separation (Jigging, Tabling, Humphreys Spiralling, Heavy Media Separation, Floatex Density Separation, Stub Cycloning etc)	35,000	25,000
3.	Magnetic Separation , Dry or Wet	35,000	25,000
4.	Bond's Work Index Determination (Ball / Rod Mill) (Per sample)	40,000	28,000
5.	Grindability Index Determination (Per Sample)	25,000	18,000
6.	Cyclosizing	25,000	18,000
7.	Attrition Scrubbing followed by Sizing	25,000	18,000
8.	Tumbler Index Determination	25,000	18,000
9.	Shatter Index Determination	25,000	18,000
10.	Screening	17,000	12,000
11.	Particle Size Analysis (Sub micron sizes) (Per Test)	7,000	5,000
12.	Brightness Measurement (Per sample)	1,700	1,200
13.	Surface Area by BET Technique per sample (Minimum 10 samples)	5,000	3,500
14.	Bottle Roll Cyanidation and CIP (Per test)	70,000	50,000

SI No.	Item of Work	Charges for 'A' Category Mines (₹)	Charges for 'B' Category Mines (₹)
B	PILOT PLANT SCALE INVESTIGATIONS		
I	Complete Pilot Plant Investigation (Quantity of ore to be specified by IBM depending on the complexity of the sample)		
a	Studies for recovery of one mineral	4,10,000	2,90,000
b	Studies for recovery of two or more minerals	6,15,000	4,35,000
II	Pilot Plant Test comprising of a single Ore Dressing Unit Operation under specified conditions including chemical and mineralogical analysis. (Quantity of Ore to be specified by IBM)		
1.	Gravity Separation viz Heavy Media Separation, Jigging, Tabling with Classification, Spiralling, Bowl Concentration, GEC Duplex Table, Centrifugal Separator, Floatex Density Separator etc.)	2,05,000	1,45,000
2.	Magnetic Separation	2,05,000	1,45,000
3.	Column Floatation	3,30,000	2,35,000
4.	Scrubbing and Classification	2,05,000	1,45,000
5.	Classification / Hydrocycloning	2,05,000	1,45,000
6.	Crushing and Screening	1,65,000	1,20,000
7.	Sintering Studies	3,30,000	2,35,000
8.	Pelletisation Studies	3,30,000	2,35,000
III	Techno Economic Pre-Feasibility Studies on the basis of available laboratory and pilot plant report (for selection of equipment and operating costs)	4,10,000	--

NOTE

1. The above charges do not include cost of production of concentrate for end use testing.
2. The charges for Indian companies/ organizations which are directly involved in consultancy jobs in mining and exploration for foreign samples are to be levied **Twice** the charges of "A" Category Mines.
3. The charges for overseas companies/organizations which are directly involved in consultancy jobs in mining and exploration are to be levied **Three times** the charges of "A" Category Mines.
4. **Service Taxes and Education Cess Extra (as applicable).**
5. **'B' category charges would be applicable only after producing the 'B' category certificate of recent time/date issued by respective Regional Controller of Mines, Indian Bureau of Mines.**

SI No.	Item of Work	Charges for 'A' Category Mines (₹)	Charges for 'B' Category Mines (₹)
C.	SCHEDULE OF CHARGES FOR CHEMICAL ANALYSIS:		
1.	Quantitative chemical analysis of radicals by Classical Wet Analysis method	₹ 850/- for the first radical and ₹ 600/- for each of the subsequent radical	₹ 600/- for the first radical and ₹ 450/- for each subsequent radicals
2.	Elemental Analysis using instruments viz XRF, AAS, ICPA, FTIR, Ion Chromatograph, Mercury Analyser, Flame Photo Meter, Isotope Analyser, UV / VIS Spectrometer, C & S Analyser etc.	₹ 600/- for the first radical and ₹ 300/- for each of the subsequent radical	₹ 450/- for the first radical and ₹ 210/- for each of the subsequent radicals
3.	XRF Scanning per sample	₹ 1,000/-	₹ 700/-
4.	Proximate Analysis of Coal or Determination of Fixed Carbon in Coal	₹ 600/-	₹ 450/-
5.	Determination of Volatile Matter / Ash / Moisture in Coal	₹ 200/- for each radical	₹ 140/- for each radical
6.	Platinum Group of Minerals for one element of PGM Analysis Estimation of Gold by Fire Assay	₹ 4,000/- for the first radical and ₹ 350/- for subsequent radicals	No concession for small mines.
7.	Estimation of Gold by Fire Assay	₹ 1,200/- per radical	₹ 850/- per radicals
8.	Sample preparation up to 500 gm including crushing, grinding and drawing 25 gm representative sample of minus 300# size for Chemical Analysis	₹ 175/- per sample	₹ 130/- per sample
9.	Environmental Analysis	Standard cost as proposed by Central Pollution Control Board	No concession for 'B' Category mines

NOTE:

The Controller General, Indian Bureau of Mines shall have the discretionary power to charge 50% of that of 'B' Category mines for **Chemical Analysis** for academic & research students on production of recommendation letter from their respective head of academic institutions.

SI No.	Item of Work	Charges for 'A' Category Mines (₹)	Charges for 'B' Category Mines (₹)
D	SCHEDULE OF CHARGES FOR MINERALOGICAL STUDIES:		
1.	Mineralogical examination on rocks, ores, minerals and sinters etc. by microscopic studies (only mineral identification).	2,000	1,400
2.	* Detailed mineralogical studies for identification and quantitative estimation of minerals and liberation characteristics involving mineral separation by heavy liquid and magnetic separation	6,000	4,200
3.	* Mineralogical studies to assess the amenability to mineral beneficiation involving size analysis, Frantz Isodynamic Magnetic Separation including necessary Chemical Analysis	10,000	7,000
4.	*Electron Probe Micro Analyser (EPMA) studies (Per hour per sample)	5,000	3,500
5.	Identification of mineral phases in ore and rock samples by X-Ray Diffraction / DTA / DTG (Per sample).	3,000	2,100
6.	Photomicrographs (three prints)	1,000	700
7.	Determination of specific gravity (by Walker steel yard balance)	200	140
8.	Determination of Hardness by Mohs Scale	165	120

NOTE:

The Controller General, Indian Bureau of Mines shall have the discretionary power to charge 50% of that of 'B' Category mines for **Mineralogical Studies** to be carried out for academic research students on production of recommendation letter from a respective head of academic institutions.

* The investigation will be considered as one limited ore dressing investigation.

E. SCHEDULE OF CHARGES FOR CONSULTANCY SERVICES PER DAY RENDERED BY OFFICERS OF ORE DRESSING DIVISION, INDIAN BUREAU OF MINES IN INDIA AND FOREIGN ASSIGNMENTS

SI No.	ITEM OF WORK	CONSULTANCY CHARGES ₹ (FOR INDIAN ASSIGNMENTS)	CONSULTANCY CHARGES ₹ (FOR FOREIGN ASSIGNMENTS)
1.	Officers of Group 'A' Category'	4,200	12,000
2.	Officers of Group 'B' Category'	2,400	7,200
3.	Officers of Group 'C' Category'	1,500	4,500

NOTE:

1. Actual travel expenses (to and fro) of the officers including hotel accommodation as per their entitlement is to be borne by the client.
2. If the client prefers, the technical personnel may be allowed to travel by higher class even if they are not allowed under the Govt. rules
- 3 The daily rates are payable for the total period of absence from the headquarters inclusive of the period of journey.
4. **The following job will be carried out under consultancy services and the charges will be calculated based on the quantum of work, actual man-power involved in the job and man-days.**

Plant Auditing studies of a mineral processing plant.

**SCHEDULE OF CHARGES FOR CONSULTANCY SERVICES RENDERED BY TECHNICAL CONSULTANCY ,
INDIAN BUREAU OF MINES (With effect from- 01.03.2013)**

1. Charges for Services of IBM personnel (Basic Rate Per Day)			
	Category of personnel	Rates for Category -A Mines (₹)	Rates for Category -B Mines (₹)
		Revised	Revised
	Group -A Officers	4,200/-	2,500/-
	Group -B Officers	2,400/-	1,500/-
	Group-C Officers	1,500/-	900/-
2.	Bulk Sample Collection	As per actual Man-days	As per actual Man-days
3.	Geological Mapping on 1:1000 / 1:2000 Scale	46,000/-	
4.	Geological Logging of boreholes (Charge per meter)	200/-	
5.	Topographic / Mine Survey	46,000/-	
6.	Mine Excavation / Dump Measurement	46,000/-	
7.	Connection of Mining Lease with National Grid	46,000/-	
8.	Mine Planning & Designing	As per actual Man-days	As per actual Man-days
9.	Preparation of Pre-feasibility Report	As per actual Man-days	As per actual Man-days
10.	Due diligence of Mineral Property	5% of total cost	5% of total cost
11.	Charges for the Report*		
	<input checked="" type="checkbox"/> First 3 copies.	20,000/-	10,000/-
	<input checked="" type="checkbox"/> Each additional copy requested at the time of work order.	5,000/-	1,500/-
	<input checked="" type="checkbox"/> Additional copy requested at a later stage after completion of the project.	10,000/-	5,000/-

* For Plates, extra charges, as per actual may be levied considering the volume of work.

NOTE: For the purpose of levying the above charges for technical consultancy services, the following clarifications will apply :

1. Service Tax, Education Cess and Agreement Registration Charges extra.
2. The cost of deployment of IBM personnel depending on the nature of terrain and quantum of work involved in the assignment will be charged extra for Item Numbers at Sr. Nos. 2, 3, 5, 7, 8 & 9 as per the Basic Rate per day mentioned at Sr.No.1.
3. In case of B-Category Mines, no charge will be

leviable for the number of days spent in journey from the IBM Headquarters, Nagpur, to the mine-site and from the mine-site to IBM Headquarter, Nagpur.

4. If the client wants, the personnel of IBM may undertake journey by air even if they are not entitled for the same under general rules of the Government, provided that the client pays for the same.

5. The rates mentioned above are exclusive of labour charges for field work assistance for Items at Sr. Nos.2, 3, 4, 5, 6, 7, 8 & 9. These are to be charged for separately at actual if the labour is not

NOTE: For the purpose of levying the above charges for technical consultancy services, the following clarifications will apply :

1. Service Tax, Education Cess and Agreement Registration Charges extra.
2. The cost of deployment of IBM personnel depending on the nature of terrain and quantum of work involved in the assignment will be charged extra for Item Numbers at Sr. Nos. 2, 3, 5, 7, 8 & 9 as per the Basic Rate per day mentioned at Sr.No.1.
3. In case of B-Category Mines, no charge will be leviable for the number of days spent in journey from the IBM Headquarters, Nagpur, to the mine-site and from the mine-site to IBM Headquarter, Nagpur.
4. If the client wants, the personnel of IBM may undertake journey by air even if they are not

entitled for the same under general rules of the Government, provided that the client pays for the same.

5. The rates mentioned above are exclusive of labour charges for field work assistance for Items at Sr. Nos.2, 3, 4, 5, 6, 7, 8 & 9. These are to be charged for separately at actual if the labour is not provided by the client.

6. Any other ancillary work such as Chemical analysis, Mineralogical and other tests of Ore dressing investigation, if done in the IBM Laboratory / Pilot Plant, will be payable by the client separately as per the Schedule of charges fixed by the Government from time to time, in this respect.

7. In addition to the charges mentioned above, the client will be required to pay the expenses of TA & DA admissible to the individual for the entire period of their tour undertaken in connection with the services, except in the case of B-Category

XIV A. STATUS OF RECONNAISSANCE PERMITS IN INDIA

Status of Reconnaissance Permits in India as on 31.03.2013

State	Total No. of RPs granted by the State Government till date (as on 31.03.2013)	No. of RPs where final exploration data submitted to IBM
Andhra Pradesh	53	41
Arunachal Pradesh	01	00
Chhattisgarh	42	21
Gujarat	04	00
Jharkhand	04	01
Karnataka	66	25
Kerala	01	00
Madhya Pradesh	91	22
Maharashtra	10	08
Manipur	01	00
Odisha	26	19
Rajasthan	74	21
Uttar Pradesh	21	08
West Bengal	04	01
All India	398	167



XIV B. STATUS OF PROSPECTING LICENCES IN INDIA

Status of Prospecting Licences in India as on 31.03.2013

State	Total No. of PLs granted by the State Government from 1.4.2012 to 31.3.2013	Total No. of PLs granted by the State Government from 1.4.2012 to 31.3.2013	No. of PLs where final exploration data submitted to IBM
Andhra Pradesh	14	71	25
Arunachal Pradesh	--	07	00
Chhattisgarh	--	21	11
Gujarat	01	16	00
Himachal Pradesh	--	03	00
Jharkhand	--	12	00
Karnataka	--	05	04
Kerala	--	01	00
Madhya Pradesh	49	358	20
Maharashtra	--	27	01
Manipur	06	10	00
Odisha	--	01	01
Rajasthan	28	123	03
Tamil Nadu	--	10	00
Uttarakhand	02	30	00
All India	100	695	65



XIV C. STATE-WISE DISTRIBUTION OF MINING LEASES

State-wise Distribution of Mining Leases (As on 31.03.2012)

State	No. of Leases	Lease area (ha)
ANDHRA PRADESH	2031	69607.07
ASSAM	8	929.50
BIHAR	10	1427.22
CHHATTISGARH	320	23502.06
GOA	336	24394.55
GUJARAT	1162	29430.04
HIMACHAL PRADESH	54	3623.80
HARYANA	118	12255.13
JAMMU & KASHMIR	59	2680.89
JHARKHAND	332	36987.64
KARNATAKA	762	58582.73
KERALA	87	3274.35
MANIPUR	2	610.17
MEGHALAYA	18	606.19
MADHYA PRADESH	1105	32985.83
MAHARASHTRA	255	15962.33
ODISHA	496	74990.98
RAJASTHAN	3085	116009.93
SIKKIM	3	96.32
TAMIL NADU	972	12558.61
UTTAR PRADESH	96	7619.43
UTTARAKHAND	90	1393.64
WEST BENGAL	49	704.52
Total	11450	530232.93



XIV D. MINERAL-WISE SUMMARY OF LEASE DISTRIBUTION

MINERAL-WISE SUMMARY OF LEASE DISTRIBUTION (As on 31/03/2012)

State	No. of Leases	Lease area (ha)
AGATE	3	59.62
AMETHYST	8	80.85
APATITE	2	20.17
ASBESTOS	34	1632.75
BALL CLAY	75	2744.56
BARYTES	167	2614.26
BAUXITE	343	30078.21
BORAX	1	159.00
CALCAREOUS SAND	14	151.54
CALCITE	89	1810.92
CHALK	163	651.77
CHINA CLAY	519	16904.36
CHROMITE	35	9432.58
CLAY (OTHERS)	106	1270.34
COPPER ORE	17	9960.09
CORUNDUM	17	247.80
DIAMOND	2	275.96
DIASPORE	12	94.38
DOLOMITE	542	7669.75
DUNITE	1	14.28
EPIDOTE	2	10.00
FELSITE	6	102.29
FELSPAR	890	11766.22
FIRECLAY	269	5520.78
FLUORITE	16	1670.71
GARNET	102	1110.35
GARNET(GEM)	2	17.08
GOLD	12	6753.31
GRAPHITE	112	3481.98
GYPSUM	108	19108.88
IOLITE	11	104.35
IRON ORE	798	96946.26
JASPER	5	211.70

State	No. of Leases	Lease area (ha)
KYANITE	33	3354.49
LATERITE	189	2348.79
LEAD & ZINC ORE	12	7175.19
LIME KANKAR	19	654.62
LIMESHELL	37	5109.36
LIMESTONE	2109	160875.26
MAGNESITE	40	3097.02
MANGANESE ORE	343	23041.90
MARL	2	9.15
MICA	307	7358.07
MOULDING SAND	61	1376.27
OCHRE	162	3563.16
PERLITE	1	144.88
PHOSPHORITE	16	3705.78
PYROPHYLLITE	102	2245.00
PYROXENITE	10	90.84
QUARTZ	2161	17348.98
QUARTZITE	86	1463.21
RUBY	3	9.20
SAND (OTHERS)	54	13497.90
SAPPHIRE	1	673.40
SHALE	46	738.52
SILICA SAND	569	18121.58
SILLIMANITE	7	3027.06
SLATE	18	683.31
STEATITE	501	16723.96
TIN	15	321.02
VERMICULITE	16	285.94
WHITE CLAY	26	218.32
WHITE SHALE	14	71.63
WOLLASTONITE	7	222.02
Total	11450	530232.93



XV. STATE-WISE AVERAGE SALE VALUE-MINERAL-WISE/GRADE-WISE

State-wise Average Sale Price of Minerals by grades
for which royalty is chargeable on ad valorem basis not linked to any international benchmark price

Month : March 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
India		Corundum	Rs./kg NA
Bauxite	Rs./t	Corundum (ruby)	Rs./kg NA
Non-Metallurgical		Diamond	Rs./cert 11141
Cement	350	Diaspore	Rs./t 1763
Abrasive	NA	Dunite	Rs./t 800
Refractory	1640	Felspar	Rs./t 283
Others (U)	NA	Fireclay	Rs./t 199
Chromite	Rs./t	Felsite	Rs./t 716
Lumps		Fluorite (graded)	Rs./t
Up to 40% Cr2O3	4053	Up to 30% CaF2	NA
40 - 52% Cr2O3	9000	30-70% CaF2	4861
Above 52% Cr2O3	NA	70-85% CaF2	8405
Fines		Above 85% CaF2	NA
Up to 40% Cr2O3	2577	Garnet (abrasive)	Rs./t 2151
40 - 52% Cr2O3	13659	Garnet (gem)	Rs./kg NA
Above 52% Cr2O3	17008	Graphite (r.o.m.)	Rs./t
Concentrates	7613	With less than 40% fixed carbon	410
Iron Ore (lumps)	Rs./t	With 40% or more fixed carbon	NA
Below 55% Fe	1297	Gypsum	Rs./t 474
55 - 58% Fe	2247	Jasper	Rs./t NA
58 - 60% Fe	3035	Kaolin (natural)	Rs./t 210
60 - 62% Fe	4200	Kaolin (processed)	Rs./t 2910
62 - 65% Fe	4797	Kyanite	Rs./t
65% Fe & above	4933	Up to 40% Al2O3	NA
Iron Ore (fines)	Rs./t	Above 40% Al2O3	NA
Below 55% Fe	657	Sillimanite	Rs./t 6644
55 - 58% Fe	1612	Laterite	Rs./t
58 - 60% Fe	1964	Non-Metallurgical	
60 - 62% Fe	1964	Cement	171
62 - 65% Fe	2175	Abrasive	NA
65% Fe & above	2799	Chemical	NA
Iron Ore Conc.	Rs./t NA	Refractory	NA
Manganese Ore	Rs./t	Others	NA
MnO2	26184	Magnesite	Rs./t 2644
Up to 25% Mn	1497	Marl	Rs./t NA
25 - 35% Mn	4182	Mica (crude)	Rs./kg 28
35 - 46% Mn	9658	Mica (waste & Scrap)	Rs./kg NA
Above 46% Mn	12807	Perlite	Rs./t NA
Agate	Rs./t 500	Pyrites	Rs./t NA
Apatite	Rs./t 2150	Pyrophyllite	Rs./t 657
Phosphorite	Rs./t	Pyroxenite	Rs./t 270
Up to 25% P2O5	511	Quartz	Rs./t 244
25 - 30% P2O5	NA	Quartzite	Rs./t 564
Above 30% P2O5	8500	Silica Sand	Rs./t 221
Asbestos	Rs./t	Sand (others)	Rs./t NA
Amphibole	NA	Salt (rock)	Rs./t NA
Ball Clay	Rs./t 531	Shale	Rs./t 118
Barytes	Rs./t	Slate	Rs./t 945
White	5072	Steatite	Rs./t
Off Colour	4151	Insecticide (Filler) grade	546
Calcite	Rs./t 337	Other than insecticide (Filler) grade	1449
Chalk	Rs./t 400	Selenite	Rs./t 1330
Clay (others)	Rs./t 214		

NA : Not Available
(U) : Under Reference

lme: London Metal Exchange
lbm: London Bullion Market

t : Tonne mt : Metric Tonne
c : Cents \$: Dollar tr oz : Troy Ounce

* : Average Sale Price for March 2013, Source - MINERALS & METALS REVIEW, April 2013. Daily average prices have been taken for Gold & Silver.

**State-wise Average Sale Price of Minerals by grades
for which royalty is chargeable on ad valorem basis not linked to any international benchmark price**

Month : March 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
Vermiculite	Rs./t 569	Shale	Rs./t 101
Wollastonite	Rs./t 861	Steatite	Rs./t
Aluminium (lme Price)*	\$/mt 1913	Insecticide (Filler) grade	356
Copper (lme Price)*	\$/mt 7663	Other than insecticide (Filler) grade	706
Lead (lme Price)*	\$/mt 2183	Vermiculite	Rs./t 261
Nickel (lme Price)*	\$/mt 16728	Bihar	
Tin (lme Price)*	\$/mt 23337	Mica (crude)	Rs./kg NA
Zinc (lme Price)*	\$/mt 1935	Mica (waste & Scrap)	Rs./kg NA
Silver (lbn Price)*	c/tr oz 2880	Pyrites	Rs./t NA
Gold (lbn Price)*	\$/tr oz 1593	Quartz	Rs./t NA
Andhra Pradesh		Quartzite	Rs./t 450
Iron Ore (lumps)	Rs./t	Steatite	Rs./t
Below 55% Fe	551	Insecticide (Filler) grade	NA
55 - 58% Fe	NA	Chhattisgarh	
58 - 60% Fe	NA	Bauxite	Rs./t
60 - 62% Fe	NA	Non-Metallurgical	
62 - 65% Fe	NA	Abrasive	NA
Iron Ore (fines)	Rs./t	Refractory	NA
Below 55% Fe	311	Iron Ore (lumps)	Rs./t
55 - 58% Fe	NA	Below 55% Fe	NA
60 - 62% Fe	NA	55 - 58% Fe	NA
62 - 65% Fe	NA	58 - 60% Fe	NA
Manganese Ore	Rs./t	60 - 62% Fe	NA
MnO2	NA	62 - 65% Fe	4234
Up to 25% Mn	794	65% Fe & above	4850
25 - 35% Mn	1549	Iron Ore (fines)	Rs./t
35 - 46% Mn	1891	Below 55% Fe	NA
Above 46% Mn	NA	55 - 58% Fe	NA
Apatite	Rs./t 2150	58 - 60% Fe	2072
Asbestos	Rs./t	60 - 62% Fe	2275
Amphibole	NA	62 - 65% Fe	2532
Ball Clay	Rs./t 604	65% Fe & above	2801
Barytes	Rs./t	Clay (others)	Rs./t NA
White	7810	Quartz	Rs./t 400
Off Colour	4163	Quartzite	Rs./t 811
Calcite	Rs./t NA	Steatite	Rs./t
Clay (others)	Rs./t 112	Insecticide (Filler) grade	NA
Felspar	Rs./t 261	Goa	
Fireclay	Rs./t 251	Bauxite	Rs./t
Garnet (abrasive)	Rs./t 8724	Non-Metallurgical	
Kaolin (natural)	Rs./t 166	Cement	110
Sillimanite	Rs./t 8305	Iron Ore (lumps)	Rs./t
Laterite	Rs./t	Below 55% Fe	NA
Non-Metallurgical		55 - 58% Fe	NA
Cement	136	58 - 60% Fe	NA
Mica (crude)	Rs./kg 28	60 - 62% Fe	NA
Mica (waste & Scrap)	Rs./kg NA	62 - 65% Fe	NA
Pyrophyllite	Rs./t NA	65% Fe & above	NA
Quartz	Rs./t 217	Iron Ore (fines)	Rs./t
Quartzite	Rs./t 464	Below 55% Fe	NA
Silica Sand	Rs./t 178	55 - 58% Fe	NA
Sand (others)	Rs./t NA	58 - 60% Fe	NA
		60 - 62% Fe	NA

NA : Not Available lme: London Metal Exchange t : Tonne mt : Metric Tonne
(U) : Under Reference lbn: London Bullion Market c : Cents \$: Dollar tr oz : Troy Ounce

* : Average Sale Price for March 2013, Source - MINERALS & METALS REVIEW, April 2013. Daily average prices have been taken for Gold & Silver.

**State-wise Average Sale Price of Minerals by grades
for which royalty is chargeable on ad valorem basis not linked to any international benchmark price
Month : March 2013**

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
62 - 65% Fe	NA	Jammu & Kashmir	
65% Fe & above	NA	Gypsum	Rs./t 300
Iron Ore Conc.	Rs./t	Jharkhand	
Manganese Ore	Rs./t	Bauxite	Rs./t
Up to 25% Mn	NA	Non-Metallurgical	
25 - 35% Mn	NA	Cement	NA
35 - 46% Mn	NA	Iron Ore (lumps)	Rs./t
Above 46% Mn	NA	Below 55% Fe	2218
Laterite	Rs./t	55 - 58% Fe	2604
Non-Metallurgical		58 - 60% Fe	2799
Cement	NA	60 - 62% Fe	5229
Pyrophyllite	Rs./t	62 - 65% Fe	5229
Gujarat		65% Fe & above	NA
Bauxite	Rs./t	Iron Ore (fines)	Rs./t
Non-Metallurgical		Below 55% Fe	530
Cement	347	55 - 58% Fe	1451
Abrasive	NA	58 - 60% Fe	1451
Refractory	NA	60 - 62% Fe	1797
Others (U)	NA	62 - 65% Fe	1829
Manganese Ore	Rs./t	65% Fe & above	NA
Up to 25% Mn	NA	Manganese Ore	Rs./t
Agate	Rs./t	MnO2	NA
Ball Clay	Rs./t	Up to 25% Mn	NA
Chalk	Rs./t	25 - 35% Mn	NA
Clay (others)	Rs./t	35 - 46% Mn	NA
Fireclay	Rs./t	Above 46% Mn	NA
Fluorite (graded)	Rs./t	Felspar	Rs./t 151
Up to 30% CaF2	NA	Fireclay	Rs./t NA
Gypsum	Rs./t	Graphite (r.o.m.)	Rs./t
Kaolin (natural)	Rs./t	With less than 40% fixed carbon	419
Kaolin (processed)	Rs./t	Kaolin (natural)	Rs./t 198
Laterite	Rs./t	Kaolin (processed)	Rs./t 2000
Non-Metallurgical		Kyanite	Rs./t
Cement	110	Up to 40% Al2O3	NA
Abrasive	NA	Above 40% Al2O3	NA
Chemical	NA	Laterite	Rs./t
Others	NA	Non-Metallurgical	
Marl	Rs./t	Cement	NA
Perlite	Rs./t	Mica (crude)	Rs./kg NA
Pyrophyllite	Rs./t	Mica (waste & Scrap)	Rs./kg NA
Quartz	Rs./t	Pyrophyllite	Rs./t NA
Silica Sand	Rs./t	Pyroxenite	Rs./t 270
Steatite	Rs./t	Quartz	Rs./t 223
Insecticide (Filler) grade	310	Quartzite	Rs./t 220
Haryana		Silica Sand	Rs./t 200
Slate	Rs./t	Steatite	Rs./t
Himachal Pradesh		Insecticide (Filler) grade	NA
Barytes	Rs./t	Karnataka	
White	NA	Bauxite	Rs./t
Off Colour	NA	Non-Metallurgical	
Salt (rock)	Rs./t	Cement	350
Shale	Rs./t	Chromite	Rs./t
		Lumps	
		Up to 40% Cr2O3	4053

NA : Not Available lme: London Metal Exchange t : Tonne mt : Metric Tonne
(U) : Under Reference lbm: London Bullion Market c : Cents \$: Dollar tr oz : Troy Ounce

* : Average Sale Price for March 2013, Source - MINERALS & METALS REVIEW, April 2013. Daily average prices have been taken for Gold & Silver.

**State-wise Average Sale Price of Minerals by grades
for which royalty is chargeable on ad valorem basis not linked to any international benchmark price
Month : March 2013**

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
40 - 52% Cr2O3	NA	Chemical	NA
Fines		Others	NA
Up to 40% Cr2O3	NA	Silica Sand	Rs./t 1708
40 - 52% Cr2O3	NA	Madhya Pradesh	
Concetrates	NA	Bauxite	Rs./t
Iron Ore (lumps)	Rs./t	Non-Metallurgical	
Below 55% Fe	NA	Cement	543
55 - 58% Fe	NA	Refractory	1640
58 - 60% Fe	2899	Iron Ore (lumps)	Rs./t
60 - 62% Fe	4152	Below 55% Fe	1185
62 - 65% Fe	4409	55 - 58% Fe	1700
65% Fe & above	4409	58 - 60% Fe	NA
Iron Ore (fines)	Rs./t	60 - 62% Fe	NA
Below 55% Fe	975	Iron Ore (fines)	Rs./t
55 - 58% Fe	2484	Below 55% Fe	546
58 - 60% Fe	2484	55 - 58% Fe	575
60 - 62% Fe	2484	58 - 60% Fe	1900
62 - 65% Fe	2547	Manganese Ore	Rs./t
65% Fe & above	2835	MnO2	NA
Iron Ore Conc.	Rs./t	Up to 25% Mn	1810
Manganese Ore	Rs./t	25 - 35% Mn	3937
Up to 25% Mn	2153	35 - 46% Mn	9696
25 - 35% Mn	5085	Above 46% Mn	12614
35 - 46% Mn	NA	Phosphorite	Rs./t
Above 46% Mn	NA	Up to 25% P2O5	1104
Clay (others)	Rs./t	25 - 30% P2O5	NA
Dunite	Rs./t	Above 30% P2O5	NA
Felspar	Rs./t	Calcite	Rs./t
Fireclay	Rs./t	650	NA
Felsite	Rs./t	Clay (others)	Rs./t
Kaolin (natural)	Rs./t	716	260
Kaolin (processed)	Rs./t	Diamond	Rs./crt 11141
Kyanite	Rs./t	Diaspore	Rs./t 1579
Up to 40% Al2O3	NA	Fireclay	Rs./t 113
Above 40% Al2O3	NA	Kaolin (natural)	Rs./t 60
Laterite	Rs./t	Laterite	Rs./t
Non-Metallurgical		Non-Metallurgical	
Cement	368	Cement	244
Chemical	NA	Pyrophyllite	Rs./t 740
Refractory	NA	Quartz	Rs./t
Magnesite	Rs./t 3986	Shale	Rs./t 400
Quartz	Rs./t 300	Steatite	Rs./t
Quartzite	Rs./t	Insecticide (Filler) grade	NA
Silica Sand	Rs./t 377	Other than insecticide (Filler) grade	NA
Shale	Rs./t	Vermiculite	Rs./t
Steatite	Rs./t	Maharashtra	
Insecticide (Filler) grade	NA	Bauxite	Rs./t
Kerala		Non-Metallurgical	
Kaolin (natural)	Rs./t 315	Cement	NA
Kaolin (processed)	Rs./t 5545	Others (U)	NA
Sillimanite	Rs./t 9000	Chromite	Rs./t
Laterite	Rs./t	Lumps	
Non-Metallurgical		Up to 40% Cr2O3	NA
Cement	366	40 - 52% Cr2O3	NA
		Iron Ore (lumps)	Rs./t

NA : Not Available

lme: London Metal Exchange

t : Tonne mt : Metric Tonne

(U) : Under Reference

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* : Average Sale Price for March 2013, Source - MINERALS & METALS REVIEW, April 2013. Daily average prices have been taken for Gold & Silver.

**State-wise Average Sale Price of Minerals by grades
for which royalty is chargeable on ad valorem basis not linked to any international benchmark price**

Month : March 2013

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
Below 55% Fe	688	60 - 62% Fe	3918
55 - 58% Fe	3163	62 - 65% Fe	5076
58 - 60% Fe	3163	65% Fe & above	5484
60 - 62% Fe	NA	Iron Ore (fines)	Rs./t
62 - 65% Fe	NA	Below 55% Fe	730
Iron Ore (fines)	Rs./t	55 - 58% Fe	1209
Below 55% Fe	678	58 - 60% Fe	1209
55 - 58% Fe	NA	60 - 62% Fe	1489
58 - 60% Fe	1407	62 - 65% Fe	1731
62 - 65% Fe	NA	65% Fe & above	2043
Manganese Ore	Rs./t	Iron Ore Conc.	Rs./t
MnO2	NA	Manganese Ore	Rs./t
Up to 25% Mn	1898	MnO2	26184
25 - 35% Mn	4389	Up to 25% Mn	1398
35 - 46% Mn	10109	25 - 35% Mn	6437
Above 46% Mn	13304	35 - 46% Mn	8835
Clay (others)	Rs./t	Above 46% Mn	17487
Corundum	Rs./kg	NA	NA
Fireclay	Rs./t	Corundum (ruby)	Rs./kg
Fluorite (graded)	Rs./t	Fireclay	Rs./t
30-70% CaF2	4861	Garnet (abrasive)	Rs./t
70-85% CaF2	8405	Graphite (r.o.m.)	Rs./t
Above 85% CaF2	NA	With less than 40% fixed carbon	375
Kyanite	Rs./t	With 40% or more fixed carbon	NA
Up to 40% Al2O3	NA	Kaolin (processed)	Rs./t
Above 40% Al2O3	NA	Sillimanite	Rs./t
Sillimanite	Rs./t	Pyrophyllite	Rs./t
Laterite	Rs./t	Pyroxenite	Rs./t
Non-Metallurgical	NA	Quartz	Rs./t
Cement	NA	Quartzite	Rs./t
Pyrophyllite	Rs./t	Silica Sand	Rs./t
Quartz	Rs./t	Steatite	Rs./t
Quartzite	Rs./t	Insecticide (Filler) grade	NA
Silica Sand	Rs./t	Other than insecticide (Filler) grade	NA
Sand (others)	Rs./t	Rajasthan	
Shale	Rs./t	Iron Ore (lumps)	Rs./t
Meghalaya		Below 55% Fe	252
Shale	Rs./t	55 - 58% Fe	NA
Odisha		Manganese Ore	Rs./t
Chromite	Rs./t	25 - 35% Mn	2500
Lumps	NA	Phosphorite	Rs./t
Up to 40% Cr2O3	NA	Up to 25% P2O5	277
40 - 52% Cr2O3	9000	25 - 30% P2O5	NA
Above 52% Cr2O3	NA	Above 30% P2O5	8500
Fines	NA	Ball Clay	Rs./t
Up to 40% Cr2O3	2577	Barytes	Rs./t
40 - 52% Cr2O3	13659	White	813
Above 52% Cr2O3	17008	Off Colour	610
Concetrates	7613	Calcite	Rs./t
Iron Ore (lumps)	Rs./t	Clay (others)	Rs./t
Below 55% Fe	1751	Felspar	Rs./t
55 - 58% Fe	2009	Fireclay	Rs./t
58 - 60% Fe	3737	Fluorite (graded)	Rs./t
		Up to 30% CaF2	NA

NA : Not Available
(U) : Under Reference

lme: London Metal Exchange
lbn: London Bullion Market

t : Tonne mt : Metric Tonne
c : Cents \$: Dollar tr oz : Troy Ounce

* : Average Sale Price for March 2013, Source - MINERALS & METALS REVIEW, April 2013. Daily average prices have been taken for Gold & Silver.

**State-wise Average Sale Price of Minerals by grades
for which royalty is chargeable on ad valorem basis not linked to any international benchmark price
Month : March 2013**

State / Mineral / Grades	Avg. Price	State / Mineral / Grades	Avg. Price
30-70% CaF2	NA	Felspar	Rs./t 120
70-85% CaF2	NA	Fireclay	Rs./t 183
Garnet (abrasive)	Rs./t 920	Kaolin (natural)	Rs./t 231
Garnet (gem)	Rs./kg NA	Kaolin (processed)	Rs./t NA
Gypsum	Rs./t 475	Quartz	Rs./t 317
Jasper	Rs./t NA	Quartzite	Rs./t 300
Kaolin (natural)	Rs./t 243	Silica Sand	Rs./t 433
Kaolin (processed)	Rs./t 4210		
Kyanite	Rs./t		
Up to 40% Al2O3	NA		
Sillimanite	Rs./t NA		
Magnesite	Rs./t NA		
Mica (crude)	Rs./kg NA		
Mica (waste & Scrap)	Rs./kg NA		
Pyrophyllite	Rs./t 133		
Quartz	Rs./t 247		
Quartzite	Rs./t 300		
Silica Sand	Rs./t 445		
Steatite	Rs./t		
Insecticide (Filler) grade	212		
Other than insecticide (Filler) grade	1447		
Selenite	Rs./t 1330		
Vermiculite	Rs./t NA		
Wollastonite	Rs./t 861		
Tamil Nadu			
Ball Clay	Rs./t NA		
Clay (others)	Rs./t 130		
Dunite	Rs./t 800		
Felspar	Rs./t 411		
Fireclay	Rs./t 138		
Garnet (abrasive)	Rs./t 478		
Graphite (r.o.m.)	Rs./t		
With less than 40% fixed carbon	NA		
Magnesite	Rs./t 2564		
Marl	Rs./t NA		
Quartz	Rs./t 1242		
Silica Sand	Rs./t NA		
Steatite	Rs./t		
Insecticide (Filler) grade	NA		
Vermiculite	Rs./t 2238		
Uttar Pradesh			
Diaspore	Rs./t 1850		
Pyrophyllite	Rs./t 369		
Silica Sand	Rs./t 200		
Uttarakhand			
Magnesite	Rs./t 1282		
Steatite	Rs./t		
Insecticide (Filler) grade	1610		
Other than insecticide (Filler) grade	2341		
West Bengal			
Apatite	Rs./t NA		
Clay (others)	Rs./t NA		

NA : Not Available

lme: London Metal Exchange

t : Tonne

mt : Metric Tonne

(U) : Under Reference

lbm: London Bullion Market

c : Cents

\$: Dollar tr oz : Troy Ounce

* : Average Sale Price for March 2013, Source - MINERALS & METALS REVIEW, April 2013. Daily average prices have been taken for Gold & Silver.



XVI. CENTRAL INFORMATION COMMISSION ORDER

CENTRAL INFORMATION COMMISSION

F.No.CIC/AT/A/2009/000816	F.No.CIC/AT/A/2009/000817	F.No.CIC/AT/A/2009/000818
F.No.CIC/AT/A/2010/000003	F.No.CIC/AT/A/2010/000010	F.No.CIC/AT/A/2010/000029
F.No.CIC/AT/A/2010/000058	F.No.CIC/AT/A/2010/000059	F.No.CIC/AT/A/2010/000060
F.No.CIC/AT/A/2010/000078	F.No.CIC/AT/A/2010/000127	F.No.CIC/AT/A/2010/000169
F.No.CIC/AT/A/2010/000184		Total : 13 Appeals

Dated, the 07th June, 2010

Appellants : Dr.D. Dhaya Devadas (Appeal No.816-818, 3, 10, 29, 58-60 & 127)
Shri Milind B. Nijsure (Appeal No.78/10)
Shri Ashok G. Naik (Appeal No.169/10)
Shri R.Y. Kutumbe (Appeal No.184/10)

Respondents : Indian Bureau of Mines (IBM)

These 13 second-appeals have been clubbed for disposal by Commission due to the fact that the matter for decision in all these cases is the disclosure-liability of Mining Plans.

2. Matter was heard on 24.05.2010 pursuant to Commission's notice dated 26.04.2010.

Presence:

Appellants:

- (i) Dr.D. Dhaya Devadas : Through rep., Shri Sudalayandi
- (ii) Shri Milind B. Nijsure : Present in person
- (iii) Shri Ashok G. Naik : Through rep., Shri Bhobe
- (iv) Shri R.Y. Kutumbe : Absent

Respondents:

- (i) Shri Anil Subramaniam, Under Secretary, Ministry of Mines.
- (ii) Shri R.K. Sinha, COM, Indian Bureau of Mines, Bangalore.
- (iii) Shri Tuhin Ray, CPIO, Indian Bureau of Mines, Chennai.
- (iv) Shri U.L. Gupta, CPIO, Indian Bureau of Mines, Nagpur.
- (v) Shri S.K. Adhikari, CPIO, Indian Bureau of Mines, Goa.

3. Earlier, Commission, through its interim-order dated 04.02.2010, had observed as follows:-

"2. A question has arisen whether the information contained in a Mining Plan as submitted by a private party was liable to be disclosed, Dr.D.D. Devadas & Ors. Vs. IBM-Appeal Nos.816-818 (2009), 3, 10, 29, 58-60, 127, 78, 184, 169 (2010).doc



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especially in the face of the private party's plea that that would compromise his commercial confidence and the opposite side's plea that mining of mineral resources of the country could not be a matter exclusively between a commercial entity and the public authority. It was a matter of national resources and the citizens in general have had the right to know all about it.

3. *Since the issue involved in these three appeals has larger ramifications, the views of the Ministry of Mines should be obtained about whether disclosure of the type of information requested by the appellant could be authorized."*

4. Accordingly, assistance of the Ministry of Mines, Government of India was sought through Commission's references dated 05.02.2010 and 19.03.2010.

5. Accordingly, the Ministry of Mines, through a letter dated 22.03.2010 from Shri Anil Subramaniam, Under Secretary, have advised that except certain parts of the Mining Plan – which had elements whose disclosure would be prejudicial to commercial / competitive interest of a third-party (Mining Lease applicants) – the following parts of the Plan could be disclosed:-

"(i) 'General information', and 'Location and accessibility' in Chapter 1 & 2 in Introductory Notes of the Mining Plan.



(ii) 'Mine Drainage', 'Skating of Mineral rejects and Disposal of waste', 'Use of Mineral' and 'Other information' in Chapters 6, 7, 8 and 9 respectively of the Part 'A' of the Mining Plan.

(iii) 'Environmental Management Plan' in Chapter 11 of Part 'B' of the Mining Plan."

6. During the hearing on 24.05.2010, Sudalayandi, representing one of the appellants, Dr.D.Dhaya Devadas, agreed that disclosure of the Mining Plan could be authorized as per Ministry of Mines' advice. Shri Milind B. Nijsure (one of the appellants) insisted that the Mining Plan be made public *in-toto* in public interest.

7. On considering all aspects of the case, I consider it appropriate that disclosure of the Mining Plans – as requested in the 13 RTI-applications corresponding to these second-appeals – be authorized

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on the lines advised by the Ministry of Mines. It is observed that Ministry has advised exclusion of only those portions of the Mining Plans which included details specific to a lessee – mobilization of resources, technology employed and so on. While these being specific to the lessee seem obvious, it is not yet clear as to how public interest would be served by its disclosure. It seems fairly apparent that the interests of the lessees – and their competitive position vis-à-vis other competitors – could be seriously jeopardized on account of such disclosures. Thus, the classification of disclosable and non-disclosable information in the Mining Plans as suggested by the Ministry of Mines seems rational and practical. These (non-disclosable parts) are covered by provisions of Sections 11(1), 8(1)(d) and 8(1)(j) of the RTI Act.

8. It is, therefore, directed that the parts (as paraphrased at paragraph 5 above) in the Mining Plans be disclosed to the appellants in these 13 second-appeals as per their requests in the corresponding RTI-applications.

9. It is also noted that the appellant, Dr.D.Dhaya Devadas, through his RTI-applications dated 03.02.2009, (in Appeal No.CIC/AT/A/2010/00059), dated 11.06.2009 (in Appeal No.CIC/AT/A/2010/000817) and dated 01.06.2009 (in Appeal No.CIC/AT/A/2010/000818) has also requested information relating to illegal mining and the report of the Deputy Controller of Mines, Chennai Region submitted to Indian Bureau of Mines. These items of information were already disclosed to the appellant through Commission's decision in *Appeal No.F.No.CIC/AT/A/2010/000138; Date of Decision: 10.05.2010*. As such, there shall be no further disclosure obligation as regards these.

10. The Ministry of Mines is advised – under Section 25(5) of the RTI Act – to have all public authorities under it put-up the above (disclosable) parts of the Mining Plans on their respective websites to obviate repeated RTI-queries in the matter. Time for action – 2 months.

11. Appeals disposed of with the above directions.

12. Copy of this direction be sent to the parties.

(A.N. TIWARI)

INFORMATION COMMISSIONER

Dr.D.D. Devadas & Ors. Vs. IBM-Appeal Nos.816-818 (2009), 340, 19, 58-60, 127, 78, 184, 169 (2010).doc



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Authenticated by



(D.C. Singh)
Deputy Registrar



Copy forwarded to:

1. Shri Tuhin Ray , Dy. Controller & CPIO, Indian Bureau of Mines, C-4A. Rajaji Bhavan, Besant Nagar, CHENNAI – 600 090.	7. Dr. D. Dhaya Devadas , President, Federation of India Placer, Mineral Industries, 1S, Prasad Street, Seethapathy Nagar, Velachery, CHENNAI – 600 042 - Appellant
2. Shri A.K. Ghoshal , Jr. Mining Geologist & CPIO Regional Office, Indian Bureau of Mines 6 th Floor, A-Block, Indira Bhawan, Civil Lines, NAGPUR – 440 102.	8. Shri Milind B. Nijsure A/P: Velas, Tal: Mandangad, Distt.- Ratnagiri (Maharashtra) - Appellant
3. Controller of Mines (SZ) & AA , Indian Bureau of Mines No. 29, Industrial Suburb, Goraguntepalya, Tumkur Road, BANGALORE.	9. Shri Ashok G. Naik . Advocate & Notary, 59, 1 st Floor, Apna Bazar Building, Vasco-da-Gama, GOA. - Appellant
4. Shri S.K. Adhikari , JMG & CPIO, O/o Regional Controller of Mines, Indian Bureau of Mines, Opp. R.T.O's Office, P.O. – Fatorda MARGAO –GOA - 403 602.	10. Shri R.Y. Kutumbe 62, East High Court Road, New Ramdashpeth,, NAGPUR - 10 (Maharashtra). - Appellant
5. Shri Ranjan Sahai , Controller of Mines (CZ) & AA, Indian Bureau of Mines 6 th Floor, A-Block, Indira Bhawan, Civil Lines, NAGPUR – 440 102.	11. M/s. Ashapura Minochem Ltd. , Near Madarsa Aarchi , Taluka – Sriburdhan, Distt. Raigarh 402 110 (Maharashtra) - Representatives of 3 rd Parties
6. The Secretary , Ministry of Mines, Room No. 320, 3 rd Floor, A- Wing, Shastri Bhavan, New Delhi – 110 001 - For Compliance of Para –10.	12. M/s V. V. Minerals , C/o R. Anand Padmanabhan , Advocate, D-23, Navkunj Apartments, Plot No. 87, Patparganj, DELHI – 110 092 - 3 rd Party
	13. M/s Salitho Ores Pvt. Ltd. , Salgaocar Chambers, P.O Box No 114 Margao –GOA – 403 601. - 3 rd Party



XVII. RFD OF IBM FOR THE YEAR 2012-13 - PERFORMANCE EVALUATION REPORT

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value						Performance	
						Excellent	Very Good	Good	Fair	Poor	Achievement	Raw Score	Weighted Score
						100%	90%	80%	70%	60%			
1 Inspection of Mines	15.00	Inspection of Mines for enforcement of Provisions of MCDR, 1988	Completion of 2000 inspections	Number	5.00	2000	1800	1600	1400	1200	2000	100.0	5.0
		Inspections for processing of Mine Plans and Scheme of Mining including Mine Closure Plan	Completion of 500 inspections	Number	5.00	500	450	400	350	300	520	100.0	5.0
		Monitoring of FMCP/PMCP	Completion of 25 inspections	Number	5.00	25	23	20	18	15	32	100.0	5.0
2 Regional Mining Geological Studies (RMGS)	5.00	Regional Mining Geological Studies.	Completion of 12 RMG Studies	Number	5.00	12	11	10	9	8	12	100.0	5.0
		Preparation of Mineral Maps with Forest Overlays	Completion of 100 Mineral Maps	Number	5.00	100	90	80	70	60	100	100.0	5.0
4 Development of Project on computerized on-line register of mining tenement system	10.00	Finalization of DPR recommendations and mobilization of resources	Completion of Job	Date	3.00	30/06/2012	31/07/2012	31/08/2012	30/09/2012		27/07/2012	91.29	2.74
		Preparation of RFP for execution of DPR and identification of software development agency	Completion of Job	Date	3.00	31/08/2012	30/09/2012	31/10/2012	30/11/2012			N/A	N/A
		Development of Registry component and trial run	Completion of Job	Date	4.00	15/02/2013	28/02/2013	15/03/2013	31/03/2013			N/A	N/A
5 Ore Dressing Investigations	10.00	Ore Dressing Investigations	Completion of 60 investigations	Number	10.00	60	54	48	42	36	59	98.33	9.83
6 Updation of National Mineral Inventory	5.00	Preparation of "NMI an Overview as on 01.04.2010".	Completion of analytical reviews for 70 Minerals	Number	5.00	70	63	56	49	42	70	100.0	5.0

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value							Performance	
						Excellent	Very Good	Good	Fair	Poor	Achievement	Raw Score	Weighted Score	
						100%	90%	80%	70%	60%				
7 Indian Minerals Year Book	5.00	IMYB 2011 - Preparation of reviews, technical editing, general editing and formatting.	80 Reviews	Number	3.00	80	72	64	56	48	80	100.0	3.0	
						50	45	40	35	30	50	100.0	1.0	
						2500	2400	2300	2200	2100	2500	100.0	1.0	
8 Compilation of Monthly Statistics on Mineral Production (MSMP)	5.00	Receipts of returns, processing and data entry and final submission to IBM press for publication	12 Issues	Number	5.00	12	11	10	9	8	8	60.0	3.0	
						30/06/2012	31/07/2012	31/08/2012	30/09/2012	31/10/2012	29/06/2012	100.0	3.0	
9 ISO 9001-2008 Certification for six Regional offices	9.00	Selection of Consultant (0.5% Weightage for each Regional office)	Execution of the objective	Date	3.00	30/06/2012	31/07/2012	31/08/2012	30/09/2012	31/10/2012	29/06/2012	100.0	3.0	
						15/02/2013	28/02/2013	15/03/2013	31/03/2013	15/02/2013	100.0	6.0		
10 Implementation of Threshold Values of selected Minerals	5.00	Quarterly compilation of information on incremental increase in resources	Execution of the objective for first quarter	Date	5.00	31/08/2012	30/09/2012	31/10/2012	30/11/2012	31/12/2012	31/08/2012	100.0	5.0	
						30/09/2012	31/10/2012	30/11/2012	31/12/2012	31/01/2013	N/A	N/A		
11 Mining Plan processing – Online system	3.00	Engagement of consultant for preparation of software for online system of TMIS Database	Execution of the objective	Date	2.00	30/09/2012	31/10/2012	30/11/2012	31/12/2012	31/01/2013	N/A	N/A	N/A	
						15/03/2013	20/03/2013	31/03/2013	N/A	N/A	N/A	N/A		
12 Implementation of Rule 45 – Online submission of returns	3.00	Finalization of monthly return forms for other mineral (F3 to F9)	Execution of the objective	Date	1.00	30/09/2012	31/10/2012	30/11/2012	31/12/2012	31/01/2013	31/08/2012	100.0	1.0	

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value					Performance		
						Excellent 100%	Very Good 90%	Good 80%	Fair 70%	Poor 60%	Achievement	Raw Score	Weighted Score
		Finalization of Annual Return form (H1 to H9)	Execution of the objective	Date	1.00	30/09/2012	31/10/2012	30/11/2012	31/12/2012	31/01/2013	26/09/2012	100.0	1.0
		Monitoring of online submission of monthly and annual returns.	Execution of the objective	Date	1.00	15/03/2013	20/03/2013	31/03/2013			15/02/2013	100.0	1.0
13 Development of ore accounting software through Detailed Project Report (DPR) recommendations	3.00	Notification for engagement of consultant for preparation of DPR	Execution of the objective	Date	1.00	31/07/2012	31/08/2012	30/09/2012	31/10/2012	30/11/2012	02/08/2012	99.35	0.99
		Evaluation of tender documents and award of contract	Execution of the objective	Date	1.00	31/12/2012	31/01/2013	28/02/2013	15/03/2013	31/03/2013	09/11/2012	100.0	1.0
14 Implementation of SDF-Reporting of self-assessment by Mining Lease holders	2.00	Midterm review for preparation of DPR.	Execution of the objective	Date	1.00	15/03/2013	20/03/2013	25/03/2013	31/03/2013		14/12/2012	100.0	1.0
		Preparation and issue of guidelines for self-assessment report.	Execution of the objective	Date	1.00	30/06/2012	31/07/2012	31/08/2012	30/09/2012	31/10/2012	16/10/2012	64.84	0.65
15 Implementation of HPC Recommendations	1.00	Implementation of Reporting self-assessment by Mining Lease holders	Execution of the objective	Date	1.00	31/12/2012	31/01/2013	28/02/2013	15/03/2013	31/03/2013		N/A	N/A
		Preparation of Action Plan with identification of actionable recommendations	Execution of the objective	Date	0.50	30/09/2012	31/10/2012	30/11/2012	31/12/2012	31/01/2013	18/09/2012	100.0	0.5
16 Internal audit for MCDR Inspections	1.00	Implementation of Recommendations	Execution of the objective	Date	0.50	01/03/2013	10/03/2013	20/03/2013	31/03/2013		01/03/2013	100.0	0.5
		Internal audit by Zonal offices for MCDR Inspections carried out by Regional offices.	5% of 2000 inspections (Ref: item No.1)	Number	1.00	100	90	80	70	60	75	75.0	0.75
17 Scrutiny and Processing of Statutory returns	1.00	Scrutiny and Processing of Monthly and Annual Returns submitted by the lease holders.	Completion of Job	Number	1.00	25000	22500	20000	17500	15000	31436	100.0	1.0

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value					Performance		
						Excellent	Very Good	Good	Fair	Poor	Achievement	Raw Weighted Score	
						100%	90%	80%	70%	60%			
* Efficient Functioning of the RFD System	3.00	Timely submission of RFD for 2012-13 Timely submission of Results for 2012-13	On-time submission	Date	2.0	05/03/2012	08/03/2012	09/03/2012	10/03/2012	11/03/2012		N/A	N/A
* Administrative Reforms	5.00	Implement ISO 9001 Implement mitigating strategies for reducing potential risk of corruption	On-time submission	Date	1.0	01/05/2013	02/05/2013	03/05/2013	04/05/2013	05/05/2013	01/05/2013	100.0	1.0
			Prepare ISO 9001 action plan	Date	1.0	01/05/2013	02/05/2013	03/05/2013	04/05/2013	05/05/2013	30/05/2012	100.0	1.0
			Implementation of ISO 9001 action plan.	Date	2.0	25/03/2013	26/03/2013	27/03/2013	28/03/2013	29/03/2013	15/03/2013	100.0	2.0
* Improving Internal Efficiency / responsiveness / service delivery of Ministry / Department	4.00	Implementation of Sevottam	% of implementation	%	2.0	100	95	90	85	80	75	0.0	0.0
			Independent Audit of Implementation of Citizen's Charter	%	2.0	100	95	90	85	80	60	0.0	0.0
			Independent Audit of implementation of public grievance redressal system	%	2.0	100	95	90	85	80	N/A	N/A	

* Mandatory Objective(s)

Total Composite Score : 77.96



XVIII. STATE-WISE PLANS/SCHEMES APPROVED BY IBM IN YEAR 2012-13

Sl No.	State	Mining Plan		Scheme of Mining		Final Mine Closure Plan	
		Approved	Not Approved	Approved	Not Approved	Approved	Not Approved
1	Andhra Pradesh	3	15	25	54	0	0
2	Assam	1	1	0	1	0	0
3	Bihar	2	0	1	0	0	0
4	Chhattisgarh	13	6	27	15	2	0
5	Goa	5	4	4	2	0	0
6	Gujarat	14	1	41	8	2	0
8	Himachal Pradesh	1	0	2	0	3	0
7	Harvana	0	0	0	0	0	0
9	Jammu & Kashmir	1	1	9	0	0	0
10	Jharkhand	13	1	12	1	3	0
11	Karnataka	4	3	32	7	1	3
12	Kerala	0	0	1	1	0	0
13	Madhya Pradesh	28	1	78	6	1	2
14	Maharashtra	7	3	6	5	1	0
16	Meghalava	1	0	1	1	0	0
17	Odisha	15	0	12	0	10	0
18	Raiasthan	45	3	34	6	9	4
19	Sikkim	0	0	0	0	0	0
20	Tamil Nadu	32	7	87	10	0	0
21	Uttarakhand	8	0	10	0	0	0
22	Uttar Pradesh	2	0	6	0	0	0
23	West Bengal	0	0	1	1	0	0
	Total	195	46	389	118	32	9



XIX. JURISDICTION OF ZONAL / REGIONAL OFFICES

North Zone

Ajmer Regional Office

STATE : RAJASTHAN (27)

Districts : Ajmer, Alwar, Baran, Barmer , Bharatpur, Bhilwara, Bikaner, Bundi, Churu, Dausa, Dholpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Sawai Madhopur, Sikar, Sirohi , Tonk.

Dehradun Regional Office

STATE : DELHI (1)

Districts : Delhi

UNION TERRITORY: Chandigargh

STATE : HARYANA (21)

Districts : Ambala, Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendargarh, Mewat, Palwal, Panchkula, Panipat, Rewari, Rohtak, Sirsa, Sonapat, Yamuna Nagar.

STATE HIMACHAL PRADESH (12)

Districts : Bilaspur, Chamba, Hamirpur, Kangra, Kinnaur, Kulu, Lahul & Spiti, Mandi, Shimla, Sirmaur, Solan, Una.

STATE : JAMMU & KASHMIR (22)

Districts : Anantnag, Bandipore, Baramula, Badgam, Doda, Ganderbal, Jammu, Kargil, Kathua, Kishtwar, Kulgam, Kupwara, Ladakh, Poonch, Pulwama, Rajauri, Ramban, Reasi, Samba, Srinagar, , Shopiyan, Udhampur.

STATE : PUNJAB (20)

Districts : Amritsar, Barnala, Bhatinda, Faridkot, Fatehgarh Sahib, Ferozpur, Gurdaspur, Hoshiarpur, Jalandur, Kapurthala, Ludhiana, Mansa, Moga, Muktsar, Nawan Shehar, Patiala, Rup Nagar, Sangrur, Sahibzada Ajit Singh Nagar (Mohali), Taran.

STATE : UTTAR PRADESH (61)

Districts : Agra, Aligarh, Ambedkar Nagar, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Balrampur, Bara-Banki, Bareilly, Basti, Bijnor, Budaun, Bulandshahr, Chandauli, Chitrakut, Deoria, Etah, Etawah, Faizabad, Farrukhabad, Fatehpur, Firozabad, Gautam Buddha Nagar, Ghaziabad, Gazipur, Gonda, Gorakhpur, Hardoi, Hathras, Jalaun, Jaunpur, Jyotiba Fuley Nagar, Kanshiram Nagar (Kasganj), Kannauj, Kanpur

Dehat, Kanpur Nagar, Kheri, Kaushinagar, Lucknow, Mainpuri, Mathura, Mau, Meerut, Moradabad, Muzaffarnagar, Pilibhit, Pratapgarh, Rae Bareli, Rampur, Saharanpur, Sant Kabir Nagar, Sant Ravidas Nagar, Shahjahanpur, Shravasti, Siddarth Nagar, Sitapur, Sultanpur, Unnao, Varanasi.

STATE : UTTARAKHAND (13)

Districts : Almora, Bageshwar, Chamoli, Champawat, Dehradun, Haridwar, Nainital, Pauri Garhwal, Pithoragarh, Rudraprayag, Tehri Garhwal, Udhamasing Nagar, Uttar Kashi.

Udaipur Regional Office

UNION TERRITORY: DADRA & NAGAR HAVELI

UNION TERRITORY: DAMAN & DIU

STATE : GUJARAT (26)

Districts : Ahmedabad, Amreli, Anand, Banaskantha, Bharuch, Bhavnagar, Dahod, Dang, Gandhinagar, Jamnagar, Junagarh, Kheda, Kuchch, Mehesana, Narmada, Navasari, Panchmahals, Patan, Porbandar, Rajkot, Sabarkantha, Surat, Surendranagar, Vadodara, Valsad, Tapi.

STATE : RAJASTHAN (6)

DISTRICTS : Banswara, Chittorgarh, Dungarpur, Pratapgarh, Rajsamand, Udaipur.

South Zone

Hyderabad Regional Office (Including Nellore Sub-Regional Office)

STATE : ANDHRA PRADESH (23)

Districts : Adilabad, Anantapur, Chittoor, Cuddapah, Godavari East, Godavari West, Guntur, Hyderabad, Karimnagar, Khammam, Krishna, Kurnool, Mahaboobnagar, Medak, Nalgonda, Nellore, Nizamabad, Prakasam (Ongole H.Q.), Rangareddy, Srikakulam, Visakhapatnam ,Vizianagaram, Warangal.

STATE : MAHARASHTRA (3)

Districts : Latur, Nanded, Osmanabad.

Goa Regional Office

STATE : GOA (2)

Districts : North Goa, South Goa .

STATE : MAHARASHTRA (7)

Districts : Kolhapur, Pune, Ratnagiri, Sangli, Satara, Sholapur, Sindhudurg.

STATE : KARNATAKA (7)

Districts : Bagalkot, Belgaum, Bijapur, Dharwar, Gadag, Haveri, Uttar Kanada.

Bangalore Regional Office**STATE : KARNATAKA (23)**

Districts : Bangalore, Bangalore Rural, Bellary, Bidar, Chamarajanagar, Chikkaballapura, Chikmagalur, Chitradurga, Davangere, Gulbarga, Hassan, Kodagu, Kolar, Koppal, Mandya, Mysore, Raichur, Ramanagara, Shimoga, South Kanara, Tumkur, Udupi, Yadgir.

STATE :KERALA (14)

Districts : Alappuzha (Alleppy), Ernakulam, Idukki (Iddiki), Kannur, Kasargod, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Thiruvananthapuram, Trissur, Wayanad.

UNION TERRITORY: LAKSHADWEEP**Chennai Regional Office****STATE : TAMIL NADU (32)**

Districts : Ariyalur, Chennai, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kanchipuram, Kanyakumari, Karur, Krishnagiri, Madurai, Nagapattinam, Namakkal, Niligiris, Perambaloor, Pudukkottai , Ramnathapuram , Salem, Sivaganga, Thanjavur ,Theni (Madurai), Thiruvallur (Chengalpattu), Thiruvannamalai, Thiruvarur, (Nagapattinam) , Trichirapalli , Tirunelveli, Tiruppur, Turicorin, Vellore, Villupuram, Virudhunagar.

STATE : PONDICHERY (4)

Districts : Karaikal , Mahe, Pondicherry, Yanam.

CENTRAL ZONE**Bhubaneswar Regional Office****STATE : ODISHA (30)**

Districts : Angul ,Balasore, Bargarh, Bhadrak, Bolangir, Boudh, Cuttack, Deogarh, Dhenkanal, Gajapati, Ganjam, Jagatsingpur, Jajpur, Jharsuguda, Kalahandi, Kandhamal, Kendrapara, Keonjhar, Khurda, Koraput, Malkanagiri, Mayurbhanj, Nabrangpur, Nayagarh, Nuapada, Puri, Raygada, Sambalpur, Sonpur, Sundargarh.

Jabalpur Regional Office**STATE : MADHYA PRADESH (25)**

Districts : Ashoknagar, Anuppur, Bhind, Chhatarpur, Damoh, Datia, Dindori, Guna, Gwalior, Jabalpur, Katni, Mandla, Morena, Narasinhapur, Panna, Rewa, Sagar, Satna, Shahdol, Shivpuri, Shyampur, Sidhi, Singrauli, Tikamgarh, Umaria.

STATE : UTTAR PRADESH (10)

Districts : Allahabad, Banda, Chatrapati Shahuji Maharaj Nagar, Hamirpur, Jhansi, Kaushambi, Lalitpur, Mahoba, Mirzapur, Sonbhadra.

Ranchi Regional Office**STATE : BIHAR (38)**

Districts : Araria, Arwal, Aurangabad, Banka, Begusarai, Bhagalpur, Bhojpur, Buxar, Darbhanga, East Champaran, Gaya, Gopalganj, Jahanabad, Jamui, Kaimur, Katihar, Khagaria , Kishanganj, Lakhisarai, Madhepura, Madhubani, Munger, Muzaffarpur, Nalanda, Nawadha, Patna, Purnia, Rohtas, Saharsa, Samastipur, Saran, Sheikhpura, Sheohar, Sitamarhi, Siwan, Supaul ,Vaishali, West Champaran.

STATE : JHARKHAND (21)

Districts : Bokaro, Chatra, Deogarh, Dhanbad, Dumka, Garhwa, Giridih, Godda, Gumla, Hazaribagh, Jamtara, Khunti, Kodarma, Latehar, Lohardaga, Pakur, Palamau, Ramgarh, Ranchi, Sahebganj, Simdega.

Kolkata Regional Office**STATE : JHARKHAND (3)**

Districts : Saraikela-Kharsawan, Singhbhum (East), Singhbhum (West).

STATE : SIKKIM (4)

Districts : Sikkim East, Sikkim West, Sikkim North, Sikkim South

STATE : WEST BENGAL (19)

Districts : 24- Parganas North , 24-Parganas South , Bankura ,Birbhum, Bardhaman, Cooch Behar, Darjeeling , Dakshin Dinajpur , Uttar Dinajpur, Hooghly, Howrah, Jalpaiguri, Kolkata, Malda, Murshidabad, Nadia, Paschim Midnapore, Purba Medinipur, Purulia

UNION TERRITORY: Andaman Nicobar

Districts : Andaman , Nicobar.

GUWAHATI SUB-REGION

STATE : ARUNACHAL PRADESH (16)

Districts : Anjaw, Changlang, Dibang Valley, East Kameng, East Siang, Kurung Kumey, Lohit, Lower Dibang Valley, Lower Subansiri, Paum Pare, Tawang, Tirap, Upper Siang, Upper Subansiri, West Kameng, West Siang.

STATE : ASSAM (28)

Districts : Barpeta, Baksa, Bongaigaon, Cachar, Chirang, Darrang, Dhemaji, Dhubri, Dibrugarh, Goalpara, Golaghat, Hailakandi, Jorhat, Kamrup, Kamrup Metropolitan, Karbi Anglong, Karimganj, Kokrajhar, Lakhimpur, Morigaon, Nagaon, Nalbari, North Cachar Hills, Sibsagar, Sonitpur, Tinsukia, Udalguri.

STATE : MANIPUR (10)

Districts : Bishnupur, Chandel, Churachandpur, Imphal East, Imphal West, Senapati, Tamenglong, Thoubal, Ukhrul.

STATE : MEGHALAYA (7)

Districts : Garo Hills East, Garo Hills West, Jaintia Hills, Khasi Hills East, Khasi Hills West, Ribhoi, South Garo Hills.

STATE : MIZORAM (8)

Districts : Aizwal, Champhai, Kolasib, Lawngtlai, Lunglei, Mamit, Saiha, Serchhip.

STATE : NAGALAND (11)

Districts : Dimapur, Kiphire, Kohima, Longleng,

Mokokchung, Mon, Peren, Phek, Tuensang, Wokha, Zunheboto.

STATE : TRIPURA (4)

Districts : Dhalai, North Tripura, South Tripura, West Tripura

Nagpur Regional Office

STATE : CHHATTISGARH (18)

Districts : Bastar, Bijapur, Bilaspur, Dantewara, Dhamtari, Durg, Janjgir-Champa, Jashpur, Kanker, Kawardha, Korba, Koriya, Mahasamund, Narayanpur, Raigarh, Raipur, Rajnandgaon, Surguja .

STATE : MADHYA PRADESH (25)

Districts : Alirajpur, Badwani, Balaghat, Betul, Bhopal, Burhanpur, Chhindwara, Dewas, Dhar, Harda, Hoshangabad, Indore, Jhabua, East Nimar (Khandwa), West Nimar (Khargaon), Mandsaur, Neemuch, Raisen, Rajgarh, Ratlam, Sehore, Seoni, Shahjanpur, Ujjain, Vidisha.

STATE : MAHARASHTRA (25)

Districts : Ahmednagar, Akola, Amravati, Aurangabad, Bhandara, Beed, Buldhana, Chandrapur, Dhule, Gadchiroli, Gondia, Greater Mumbai, Hingoli, Jalgaon, Jalna, Mumbai (Suburban), Nagpur, Nandurbar, Nashik, Parbhani, Raigad, Thane, Wardha, Washim, Yavatmal and Bombay High.



XX. CONTACT DETAILS OF INDIAN BUREAU OF MINES

Contact Details of Divisional / Zonal / Regional Offices of Indian Bureau of Mines

1. Divisional Offices

Name of the Division / Office	Designation of the Divisional Head & Postal Address	Telephone No.	Fax No.	E-Mail
Mines Control & Conservation Of Minerals Division	Chief Controller of Mines 2 nd Floor, Block 'A', Indira Bhavan, Civil Lines, Nagpur-440001	91-712-2560961	91-712-2565488	c com@ibm.gov.in
Ore Dressing Division	Director (Ore Dressing) 2 nd Floor, Block 'B', Indira Bhavan, Civil Lines, Nagpur-440001	91-712 - 2565024	91-712-2562631	codo@ibm.gov.in
Planning & Co-Ordination Division	Controller of Mines (Planning & Co-ordination) 2 nd Floor, Block 'D', Indira Bhavan, Civil Lines, Nagpur-440001	91-712-2561824	91-712-2561824	com.plcdn@ibm.gov.in
Technical Consultancy, Mining Research & Publication Division	Controller of Mines (TMP) (TC) 7 th Floor, Block 'D', Indira Bhavan, Civil Lines, Nagpur-440001	91-712 - 2562143	91-712 2561110	com.tc@ibm.gov.in
	(MR) 8 th Floor, Block 'D', Indira Bhavan, Civil Lines, Nagpur-440001	91-712 - 2561110	91-712-2561110	com.mr@ibm.gov.in
Mineral Economics Division	Chief Mineral Economist 3 rd Floor, Block 'D', Indira Bhavan, Civil Lines, Nagpur-440001	91-712 - 2565471	91-712-2565471	cme@ibm.gov.in
Mining & Mineral Statistics Division	Deputy Director General (Statistics) & In-charge MMS Division 5 th Floor, Block 'D', Indira Bhavan, Civil Lines,	91-712-2564934	91-712-2564934	mms@ibm.gov.in

2. Other Important Offices

Name of the Division / Office	Postal Address	Telephone No.	Fax No.	E-Mail
Chief Mining Geologist	1 st Floor, Block 'D', Indira Bhavan, Civil Lines, Nagpur-440001	91-712 - 2561267	91-712 - 2561267	cmg@ibm.gov.in
Technical Secretary	2 nd Floor, Block 'D', Indira Bhavan, Civil Lines, Nagpur-440001	91-712- 2565136	91-712- 2565073	rcom.ts@ibm.gov.in
Director (Training)	8 th Floor, Block 'A', Indira Bhavan, Civil Lines, Nagpur-440001	91-712 - 2565867	91-712 - 2565867	dir.trg@ibm.gov.in
Chief Administrative Officer	4 th Floor, Block 'D', Indira Bhavan, Civil Lines, Nagpur-440001	91-712 - 2565333	91-712 - 2565333	ho- office@ibm.gov.in
Chief Editor Publication Section	1 st Floor, Block 'B', Indira Bhavan, Civil Lines, Nagpur-440001	91-712 - 2565500 Extn : 1105	91-712 - 2565471	ce.press@ibm.gov.in

3. Zonal Offices of MCCM Division

Name of the Zone	Postal Address	Telephone No.	Fax No.	E-Mail
Central	Controller of Mines (CZ) 6 th Floor, Block 'D', Indira Bhavan, Civil Lines, Nagpur-440001	0712 - 2565603	0712 - 2565603	com.cz@ibm.gov.in
South	Controller of Mines (SZ) 29, Industrial Suburb, IInd Stage, Tumkur Road, Yeshwantpuram, Bangaluru-560022	080 - 23373287 080 - 23375366 / 080 - 23375367 (PBX)	080 - 23373287	rcombng@kar.nic.in comsz@rediffmail.com zo.bangalore@ibm.gov.in
North	Controller of Mines (NZ) Type-IV, Block B/9, IBM Colony, Adarsh Nagar, Balupura Road, Aimer-308 002	0145 - 2681831	0145 - 2441244 Ext. 28	com_ajm@rediffmail.com c_ibm_ajm@yahoo.co.in zo.ajmer@ibm.gov.in

4.Regional Offices of MCCM Division

Name of the Region	Postal Address	Telephone No.	Fax No.	E-Mail
Ajmer	Regional Controller of Mines Makhapura Industrial Estate, Nasirabad Road, Ajmer - 305002.	91-0145 - 2695150	0145 - 2695202	rcomajm@sancharnet.in rcomajm@yahoo.com ro.ajmer@ibm.gov.in
Bengaluru	Regional Controller of Mines Industrial Suburb, II Stage, Tumkur Road, Yeshwantpur, Bengaluru- 560 022.	91-080 - 23371027	080 - 23373287	rcombng@rediffmail.com, rcom_bng@vsnl.net ro.bangalore@ibm.gov.in
Bhubaneswar	Regional Controller of Mines Mahanee Complex, 308, District Center, Chandrasekharapur, Bhubaneswar - 751016	91-0674- 2744430	0674- 2744430	ibmbbsr@yahoo.com ro.bhubaneswar@ibm.gov.in
Chennai	Regional Controller of Mines Rajaji Bhavan, C-4 A, C.G.O. Complex, Besant Nagar, Chennai- 600 090	91-044 - 24911570 91-044 - 24914461	044 - 24911295	rcomchennai@yahoo.co.in ro.chennai@ibm.gov.in
Dehradun	Regional Controller of Mines 108, Nehru Nagar, Scheme No. II, Dehradun -248 001	91-0135 - 2671896 91-0135 - 2676350 91-0135 - 2672610	0135 - 2674962	ibmddn@rediffmail.com rcmdn@dataone.in ro.dehradun@ibm.gov.in
Goa	Regional Controller of Mines IBM Colony, New National Highway , Near Arlem Breweries, P.O. Fatorda, Margao- 403602	91-0832 - 2741757 91-0834 - 2741758	0832 - 2741758	ibmgoa@sancharnet.in rcomgoa@sancharnet.in ro.goa@ibm.gov.in
Hyderabad	Regional Controller of Mines Kendriya Sadan, Ist Floor, Sultan Bazar, Koti, Hyderabad - 500 145	91-040 - 24653349 91-040 - 24657472 91-040 - 24656259	040 - 24653349	ibmhyd@ap.nic.in ro.hyderabad@ibm.gov.in
Jabalpur	Regional Controller of Mines Scheme No. 11, IBM Colony, Kamla Nehru Nagar, Jabalpur - 482 002	91-0761 - 2416780 91-0761 - 2416231 91-0761 - 2416589	0761 - 2416780	recomjbp@sancharnet.in ro.jabalpur@ibm.gov.in

Kolkata	Regional Controller of Mines CP-13, Sector V, Salt Lake City, Kolkata- 700 091	91-033 - 23673986	91-033 - 23673617	rcomcal@cal3.vsnl.net.in ro.kolkata@ibm.gov.in
Nagpur	Regional Controller of Mines 6 th Floor, Block 'B&C', Indira Bhavan, Civil Lines, Nagpur-440 001	91-712- 2565089	91-712- 2565089	rcom.nr@ibm.gov.in bmantu@ibm.gov.in
Ranchi	Regional Controller of Mines 318/B, Ashok Nagar, Road No. 3, Ranchi - 834 002	91-0651 - 2242903 91-0651 - 2242889	0651 - 2242903	rch_rslpibm@sancharnet.in ro.ranchi@ibm.gov.in
Udaipur	Regional Controller of Mines 142-C, Sector - XI, Hiran Magri Scheme, Udaipur - 313 001	91-0294 - 2583230 91-0294 - 2583139.	0294 - 2583139	rcomudp@rediffmail.com ro.udaipur@ibm.gov.in

5.Sub-Regional Offices of MCCM Division

Name of the Sub-Region	Postal Address	Telephone No.	Fax No.	E-Mail
GUWAHATI (Under Kolkata Region)	Officer in Charge House No. 203, Dee Cee Villa, First Floor, Rajgarh Road, Ulubari, Guwahati - 781 007	0361 - 2636184	0361 - 2636184	ibmuser@sify.com sro.guwahati@ibm.gov.in
NELLORE (Under Hyderabad Region)	Officer in Charge 57, Sri Sai Nilayam, D.No.26 / II / 3361-A, 3rd Lane, Vedayapalem, Nellore - 524004-	0861 - 2327294	0861 - 2327294	ibmnlrr@yahoo.co.in sro.nellore@ibm.gov.in

6. Mineral Processing Laboratories and Pilot Plants

Location of the Pilot Plant / Regional Ore Dressing Laboratory	Postal Address	Telephone No.	Fax No.	E-Mail
Nagpur Modern Mineral Processing Laboratory and Pilot Plant	Chief Ore Dressing Officer L-8, MIDC, Hingna Road, Nagpur -440 016	07104- 236645 / 235541 / 235543 / 235545	07104- 235542	indian75@bsnl.in ibmhngn@bsnl.in
Ajmer Regional Ore Dressing Laboratory and Pilot Plant	Suptdg. Officer (Ore Dressing) Makhupura Industrial Estate, Nasirabad Road, Ajmer - 305002	0145 - 2695163 2695150	0145 - 2695163	ibm_rod1_ajm@yahoo.co.in
Bengaluru Regional Ore Dressing Laboratory and Pilot Plant	Suptdg. Officer (Ore Dressing) & Officer in Charge Industrial Suburb, II Stage, Tumkur Road, Gurguntaplayam, Bengaluru - 560 022.	080 - 23379824 23375362 23375364	080 - 23375360	rodlnbg@vsnl.net majumdar.ibm@gmail.com

7. Liaison Office

Location of the Liaison Office	Designation of the Officer-in-charge Postal Address	Telephone No.	Fax No.	E-Mail
NEW DELHI	Administrative Officer, Indian Bureau Of Mines 5th Floor, 11th Block , CGO Complex , New Delhi-110 003.	011 - 24363199		rajagopalan.ibm@gmail.com
	Mines - III, Ministry of Mines, Shastry Bhavan, New Delhi - 110 115	011 - 23383085	011 - 23383085	



GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES

Indira Bhavan, Civil Lines, Nagpur- 440 001

Website : <http://www.ibm.gov.in>