

Sr No	Name of the lease and area (ha)	Extent of Forest / Non-forest / Non-forest tenant	Reserved / Revenue/ Notified / DLC (ha)	Date of Execution / Date of Expire / Working under deemed	TWP by MOEF under FC Act	MoEF Order & Date	Illegal Production (in Tonne)**	
							Iron (MT)	Manganese (MT)
8	Dr. S. Pradhan - Balita Iron Ore Mines (34.75)	23.315/3.125/8.31	12.72/10.595/0/0	1.2.64/31.1.84/01.02.84	(1) 8-278-FCE13/08 (6 months) (2) 11-8/2004 (1 Year) (3) 15-18-2005-OR (IIQ) 03/03/05 (3 months)	8-278/FCE/826 dt 26/02/1999 & dt. 03/01/2006 (for 18.347 Ha)	1994-95 9784 1995-96 15759 1996-97 3402 1997-98 00 1998-99 28697	
9	Dr. S. Pradhan - Inganijharan Iron & Manganese Ore Mines (18.7)	18.7/0/0	18.7/0/0/0	01.02.64/31.1.84/01.02.84	10/07/1995 (1 years) (2) 28/02/2005 (6 months)	8-248/FCE dt.20/06/2006 (15.316 Ha)	1993-94 109	
10	M/s. OMC Ltd. - Daitari Iron Ore Mines (1018.3085)	825.279/179.583/13.445	563.0789/32.588/32.588/0	27.1.66/26.1.96/27.01.96	(1) 8-164/97-FC dt.14.03.02 (2) 8-164/97-FC dt.09.04.03 (3) 8-164/97-FC dt.01.10.03 (4) 8-164/97-FC dt.30.04.04	8-164/97-FC DT 18/01/2000, dt.27/01/2005	1996-97 258878 1997-98 115054 1998-99 205699 1999-00 300747 2000-01 283155 2001-02 667891	

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							Iron (MT)	Manganese (MT)
11	M/s. OMC. Ltd. - Gandamarda n Iron Mines (Block 'B') (1590.8673)	1409.6489 / 75.5584 / 105.66	0/282.036 9/ 1027.7095 / 99.9025	11.7.70/ 10.7.00/ 11.07.00	8-81/2006 FC dt.18.05.06 (for 6 months)	(1) 8-339/FCE- dt 04/06/1998 (2) 8-81/2005-FC dt.17/08/2007	2000-01 37885 2001-02 131430 2002-03 276056 2003-04 429955 2004-05 506613 2005-06 277358	
12	M/s. OMC Ltd - Kurmitar Iron mines (1212.47)	1205.94 / 0.444 / 6.086	54.63/0/ 1151.31/0	29.4.65/29.4 .85/YES from 27.04.94 (approval of GOI for 10 years vide order dt. 18.02.88	(1) 8-113 /2000-FC dt.23.06.03 (2) 8-113/ 2000-FC dt.03.05.05 (3) 8-113/ 2000-FC dt.21.12.05 (4) 8-113/ 2000-FC dt.26.06.06	[1] 8-113/2000-FC dt.26/12/2003, And 2nd RML [2] 8-113/2000-FC(Vol-I) dt.10/04/2007 (2008)	1994-95 66800 1995-96 63500 1996-97 47300 1997-98 00 1998-03 00 2003-04 19303 2004-05 236560	

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							Iron (MT)	Manganese (MT)
13	M/s. G. S. Mishra & Sons - Gorumahisa ni Iron ore mines (1435.3)	891.76/109.1/434.44	688.044/203.716/0/0	7.1.70/6.1.2000/07.06.00	(1) 8-41/2003-FC dt. 12/19.05.03 (for 6 months) (2) 8-41/2003-FC dt. 25/01.10.03(for 1 years) (3) 8-41/2003-FC dt 29.09.04 (for 3 months) (4) 8-41/2003-FC dt. 12.01.05 (for 20 days) (5) 8-41/2003-FC dt. 13.04.05 (for 2 months)	[1] 8-41/2003-FC dt.13/01/2005, And [2] 8-41/2003-FCdt.10/10/2005, Dt.13/09/2006	2000-01 22027 2001-02 71525 2002-03 106799	
14	M/s. Lal Trades & Agencies (P) Ltd. - Badampahar Iron ore mines (129.61)	128.83/0.78/ 00	128.83/0/0/0	27.5.70/26.5.00/27.05.00	1st & 2nd F. No. 8-11-65/03 FC dt. 08.12.03 and 29.07.04 3rd F. No. 8-11/2004 FC dt. 21.03.05 (for 6 months for each)	[1] 8-11/2004-FCA dt.14/06/2007, And [2] 8-11/2004-FC dt.27/07/2009	2000-01 8290 2001-02 2443 2002-03 3578 2005-06 42464	

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							Iron (MT)	Manganese (MT)
15	M/s. Gandhamardan Sponge Iron (P) Ltd. - Putulpani Iron Mines (100.1632)	92.488/ 7.5787/ 0.0965	0/80.1623 / 2.0386/ 10.2871	8.4.64/ 7.4.94/ 08.04.94	Nil	[1] 8-55/97-FC-2314-N dt.29/06/2001, And [2] 8-55/1997-FC dt.14/06/2011	1994-95 91000 1995-96 84000 1996-97 60200 1997-98 74990 1998-99 53010 1999-00 45725 2000-01 28200	

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							Iron (MT)	Manganese (MT)
16	M/s. Essel Mining & Industries Ltd. - Kasia Iron Ore, Dolomite & Limestone Mines (194.196)	173.039/ 12.869/ 8.288	103.148/ 69.891/ 0/ 0	14.9.55/ 13.9.85/ YES from 14.09.85	11/10/94-FC (pl. 1) dt. 28.01.97 (for 3 months) 8-95/96-FC dt. 22.04.97 (for 9 months) 8-95/96-FC dt.02.06.08 and DFO letter no.5892 dt.20.09.08 (for 1 year) 8-95/96-FC dt.23.09.09 (for 3 months) 8-95/96-FC (pt) dt.22.11.10 and DFO letter no. 10490 dt. 09.12.10 (for 3 months)	[1] 8-95/96-FC dt.22/01/1998 [2] 8-95/96-FC dt.27/05/2004, [3] .8-95/1996-FC dt.18/11/2011	1994-95 49007 1995-96 71213 1996-97 54628	

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							Iron (MT)	Manganese (MT)
17	M/s. Essel Mining & Industries Ltd - Jilling-Longalota Iron Ore Mines (456.1)	369.592/ 45.248/ 41.26	106.682/ 20.821/ 0/ 242.089	30.3.88/ 30.9.04/ 1.10.04	8-49/98-FC dt. 28.08.98 (for 1 years) DFO letter no.9221 dt. 29.08.98 (for 1 years) 8-49/98-FC dt. 14/16.02.05 (for 6 months) 8-49/98-FC dt.02.03.09 and DFO letter no.4700 dt. 29.08.09 (for 1 year) DFO letter no. 7639 dt. 28.08.10 (for 6 months) 8-49/98-FC dt.24.05.10 and DFO letter no. 7999 dt. 13.09.10 (for 3 months) 8-49/98-FC (pt) dt.13.01.12 and DFO letter no. 1439 dt. 25.02.12 (for 1 year)	8-49/98-FC dt.17/11/2000	1994-95 442127 1995-96 558432 1996-97 622382 1997-98 922105	

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							Iron (MT)	Manganese (MT)
18	M/s. Feegrade & Co. Ltd - Nadidiha Iron/Mn. Mines (121.405)	89.87/22.609/8.866	12.833/35.813/0/41.218	14.6.82/17.12.99/18.12.99	8(21) 26/2003-FCE, dt. 31.12.04 (For 6 months) DFO letter no. 3875/6F dt. 08.07.10 (for 1 year) DFO Letter No. 1744/6F dt. 23.03.12 (upto 04.12.12)	8(21) 26/2003-FCE, dt 01.11.04 (Stage-I) 8(21)26/2003-FCE dt.16/03/2006 (Stage-II) 8-68/2011-FC, dt. 05.12.11 (Stage-I)	1994-95 22138 1995-96 30157 1996-97 24214 1997-98 15553 1998-99 17454 1999-00 81854 2000-01 16714 2001-02 18737 2002-03 16900 2003-04 48251	1994-95 738 1995-96 00 1996-97 1498 1997-98 839.67 1998-99 00 1999-00 479 2000-01 664 2001-04 00
19	K.C. Pradhan - Chamakpur Iron Ore Mines (31.693)	31.313/0.38/0	0/31.313/0/0	7.9.02(1st RML executed)/29.1.21 (1st RML)/No) worked under deemed extension from 29.01.01 to 06.09.02	Nil	8-90/98-FC DT 14//15/02/2000	1994-95 27686 1995-96 32892 1996-97 42802 1997-98 57697 1998-99 36335 1999-00 20105	

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							Iron (MT)	Manganese (MT)
20	*J.N. Pattnaik - Bhajpali iron ore Mines (18.00)	12.565/ 0.842/ 4.593	0/ 0/ 0/ 12.565	1.4.97/ 31.3.27/ No	Nil	8(21)42/2004-FCE dt. 05/06/2008 (3.921 Ha)	1997-98 12855 1998-99 38800 1999-00 49835 2000-01 50125 2001-02 53700 2002-03 29068 2003-04 103841 2004-05 85890 2005-06 119960 2006-07 263200 2007-08 90850	
21	M/s. Jindal Strips Ltd. (JSPL) - TRB iron ore Mines (207.787)	206.652/ 0.035/ 1.1	0/ 51.644/ 0/ 155.008	25.5.85/ 24.5.05/ 25.5.05	8-63/95-FC (Vol.III) dt. 08.09.05	[1] 8-63/95/FC dt.06/05/1998 [2] 8-63/1995-FC (vol.-ii)dt.08/08/2006 (for 90.505)	1994-95 198260 1995-96 336481 1996-97 226756 1997-98 351869	

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							Iron (MT)	Manganese (MT)
22	M/s. K.N. Ram & Co - Roida II Iron Ore Mines (74.867)	71.035/ 2.379/ 1.453	60.614/ 10.421/ 0/ 0	3.9.57/ 2.9.87/ 3.9.87	Letter No. 11-10/94-FC (pt.)-I dt. 10.07.95 (for one year) 8-112/96-FC dt. 08.08.97 8-112/96-FC dt. 24.08.98 8-112/96-FC dt. 20.05.99 8-112/96-FC dt. 27.10.08 8-112/96-FC dt. 23.11.09	[1] 8-112/96-FC dt.09/09/1999 [2] . 8-112/1996-FC dt.08/11/2010 (Total for 36.329)	1994-95 2099	
23	M/s. Kalinga Mining Corporation - Jurudi Iron Ore Mines (73.228)	57.178/ 9.709/ 6.341	0/ 30.38/ 0/ 26.798	11.12.80/ 31.3.97/ 1.4.97	11-80/204-FC dt.13.01.05 (for 6 months) 11-80/204-FC dt.01.08.05 (for 6 months)	8-255/-FC dt.02/05/2005	1994-95 54785 1995-96 53000 1996-97 75982 1997-98 59794 1998-99 50313 1999-00 36010 2000-01 21565 2001-02 35075 2002-03 54516 2003-04 145774	

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							Iron (MT)	Manganese (MT)
24	M/s. Kalinga Mining Corporation - Jurudi Manganese Ore Mines (54.754)	51.48/ 0.974/ 2.327	0/ 6.313/ 0/ 45.17	15.6.77/ 21.6.93/ 22.06.93		8-99/2005- FC dt.19/03/2008	2002-03 611 2003-05 00 2005-06 189000 2006-07 20000	
25	K.J.S. Ahluwalia - Nuagaon Iron Ore Mines (767.284)	525.762/ 117.522/ 124	0/ 521.149/ 0/ 4.613	7.9.81/ 3.3.99/ 04.03.99	8-17/2001-FC dt. 16. 01. 02 (for 6 months) 8-17/2001-FC dt. 20.02.03 (for 3 months) 8-17/2001-FC dt.08.07.03 (for 3 months) 8-17/2001-FC dt.28.06.02 (for 6 months) 8-17/2001-FC dt.15.07.2002 (for 6 months)	8-17/2001-FC dt.22/04/2004	1994-95 42810 1995-96 29699 1996-97 47901 1997-98 69596 1998-99 97474 1999-00 86032 2000-01 116702	

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							Iron (MT)	Manganese (MT)
26	M/s. Kaypee Enterprises - Thakurani Iron Ore Mines (228.04)	228.04/0/0	228.04/0/0	20.12.85/31.12.02/01.01.03	8-154/97-FC dt. 08.12.97 (for 10 months) 8-154/97-FC dt. 22.04.98 (for 6 months) 8-154/97-FC dt. 06.03.03 (for 6 months) 8-154/97-FC dt. 01.01.03 (for 6 months)	(1) Stage -I 8-154 /97-FC dt 02/11/1998(6 months) (2)8-154/97-FC (Vol.II) dt.21/07/2005	1994-95 66274 1995-96 104061 1996-97 106477 2004-05 861201	
27	M/s. Korp Resources Pvt. Ltd. - Tantra iron Ore Mines (72.56)	72.419/0.141/0	0/8.984/0/63.435	22.11.85/21.11.05/22.11.05	Nil	8-108/2008-FC dt.14/06/2010	1994-95 97 1995-96 00 1996-97 3348 1997-98 8315 1998-99 8336 1999-00 2008 2000-03 00 2003-04 69982 2004-05 65700 2005-06 136905 2006-07 5600 2007-08 2290 2008-09 1127	

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							Iron (MT)	Manganese (MT)
28	M/s. M.G. Mohanty - Patbeda Iron/Mn. Mines (19.425)	16.507/ 2.918/ 0	0/ 5.261/ 0/ 11.246	3.4.86/ 2.4.06/ 03.04.06	8-57/2007-FC dt 12.06.08 (for 1 year)	5-ORC039/2007-BHU dt.17/08/2009	1994-95 33768 1995-96 39633 1996-97 44189 1997-98 55858 1998-99 98716 1999-00 112615 2000-01 144192 2001-02 170993 2002-03 180856 2003-04 177627 2004-05 171823 2005-06 245601 2006-07 4000 2007-08 1170	
29	M/s. M.G. Mohanty - Patabeda iron ore Mines (14.00)	14/ 0/ 0	0/ 0/ 0/ 14	8.3.06/ 7.3.26/ NO	Nil	8(21)/27/2003-FCE dt.29-30/12/2005	2000-01 143742 2001-02 170993 2002-03 180856 2003-04 177627	

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							Iron (MT)	Manganese (MT)
30	M/s. M.L. Rungta - Silijora-Kalimati Iron & Manganese Ore Mines (715.639)	459.805/211.743/44.091	0/146.746/0/313.059	2.8.99(3rd RML executed)/31.12.15/NO	11-10/94-FC (pt.I) dt 10.07.96 (for 1 year) 11/10/94-FC (pt.I) dt. 28.01.97 (for 3 months)	[1] 8-104/69-FC dt. 16.12.96 (Stage-I) 8-104/96-FC dt. 16/01/1998 [2] 8-104/96-FC (Pt.) dt. 22.10.09 Cstage I) And F no. 8-104/96-FC (Pt.) dt.12/11/2010	2004-05 54725 2005-06 82171 2006-07 79014 2007-08 26458 2008-09 14494	1994-95 41851 1995-96 36961 1999-00 77785 2000-01 75214 2001-02 92557 2002-03 87000 2003-04 99964 2004-05 96079 2005-06 71320 2006-07 99287 2007-08 110361 2008-09 108025
31	M/s. Mala Roy & Others - Jalahuri Iron Ore Mines (182.109)	177.569/0/4.54	117.938/10.388/0/49.243	20.9.99 (2nd RML executed)/15.05.13/16.05.13	11-10/94-FC (pt.I) dt 10.07.95 (for 1 year) 11/10/94-FC (pt.I) dt. 28.01.97 (for 3 months) 8-97/96-FC/dt. 02.05.97 (for 9 months)	8-97/96-FCE dt.21/01/1999 8-97/96-FC dt.26.07.06	1994-95 33685 1998-99 34655 2000-01 31278 2001-02 122596 2002-03 23460 2003-04 200544 2004-05 588286	

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							Iron (MT)	Manganese (MT)
32	M/s. Mid East Int.Steel Ltd - Roida I Iron Ore Mines (104.68)	104.68/ 0/ 0	104.68/ 0/ 0	3.12.86/ 22.01.03/ 23.01.03	11-74/2003/FC dt. 23.11.04 (for 6 months) 11-74/2003-FC dt. 01.06.05 (for 103 days)	8-106/2005-FC dt.19/02/2008	1994-95 7476 1995-96 13062 1996-97 11574 2006-07 1601236 2007-08 2585400	
33	M/s. National Enterprises - Raikela iron Ore Mines (45.932)	43.876/ 1.344/ 0.712	0/ 43.876/ 0/ 0	21.12.83/ 20.12.03/ 21.12.03	Nil	8-128/1997 FC dt 10/11/2005 (for 37.317 Ha)	1994-95 4168 1995-96 5569 1996-97 9200 1997-98 8567 1998-99 11662 1999-00 8835 2000-01 3343 2001-02 00 2002-03 841 2003-04 18104 2004-05 48580	
34	M/s. O.M.D.Co. - Bagiaburu Iron Ore Mines (21.52)	21.52/ 0/ 0	21.52/ 0/ 0	29.4.2000/ 30.9.10/ 01.10.10	Nil	8-236/FCE DT. 26/02/1998	1994-95 30 1995-00 00	

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							Iron (MT)	Manganese (MT)
35	M/s. O.M.D.Co. - Belkundi Iron & Manganese Ore Mines (1276.79)	448.276/ 341.328/ 487.194	182.556/ 265.72/ 0/ 0	12.11.02/ 15.8.06/ 16.08.06	Nil	8-86/96-FC dt.26/02/1998	2006-07 223500	
36	M/s. O.M.D.Co - Roida-Bhadrasahi Iron Ore Mines (998.7)	877.31/ 57.35/ 64.04	77.265/ 800.035/ 0 0	29.4.00/ 30.9.10/ 01.10.10	Nil	8-118/96-FC dt.26/02/1998	2010-11 23538 2011-12 00	

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							Iron (MT)	Manganese (MT)
37	M/s. Penguin trading & agencies - Raikela iron ore Mines (49.372)	48.632/ 0.74/ 0	0/ 7.936/ 0/ 40.696	3.12.86/ 2.12.06/ 03.12.06	8-23/2007FC dt.22.05.08 (for 1 year)	8-23/2007-FC dt.13/05/2009	1994-95 30521 1995-96 55105 1996-97 48780 1997-98 27164 1998-99 28130 1999-00 8178 2000-01 23144 2001-02 31742 2002-03 8887 2003-04 89655 2004-05 122192 2005-06 345769 2006-07 282175 2007-08 22500	
38	M/s. Rungta Mines Ltd - Jajang Iron & Manganese Ore Mines (666.15)	485.585/ 86.219/ 94.346	0/ 67.965/ 0/ 417.62	24.11.05 (2nd RML executed)/ 23.11.19/ No	8-88/98-FC dt. 22.04.99 (Stage I) for 9 months	8-88/98-FC dt. 07.01.99 (Stage I) 8-88/98-FC dt. 21.07/00 (Stage II) 8-88/1998-FC (Vol.) dt. 19.03.12 (Stage I)	1994-95 315303 1995-96 466635 1996-97 669539 1997-98 812345 1998-99 17450	

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							Iron (MT)	Manganese (MT)
39	M/s. Rungta Sons (P) Ltd - Oraghat Iron Ore Mines (82.961)	74.933/ 6.094/ 1.934	0/ 12.08/ 0/ 62.853	10.12.82/ 9.12.12/ 10.12.12	DFO letter No. 3871/6F dt. 08.07.10 (for 1 year) 8-18/2011-FC dt. 01.03.11 Stage I (upto dt.20.12.11) DFO letter No. 6422/6F dt 22.08.11 upto dt.09.12.12 DFO letter No. 4695/6F (mining) dt. 17.07.12 upto dt.09.12.12	[1] 8 (21)5/2000-FCE dt.28.07.03 (Stage I) 8(21) 5/2000-FCE dt 04/05/06 (stage II) [2] 8-18/2011-FC dt. 01/03/11 (Stage I)	1994-95 12061 1995-96 14065 1996-97 34195 1997-98 26836 1998-99 39445 1999-00 13735 2000-01 25389 2001-02 41866 2002-03 52435 2004-05 560350	

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							Iron (MT)	Manganese (MT)
40	M/s. Rungta Sons (P) Ltd Sanindipur Iron / Bauxite Mines (147.100)	126.324/ 17.919/ 2.857	0/ 73.731/ 23.29/ 29.303	6.9.85/ 5.9.05/ 06.09.05	3879/6F dt.08.07.10 (for one year) MoEF 8-135/2003-FC dt.21.12.10 (stage I, in broken up area) 1389/6F dt. 01.03.11 (for 1 month) 3091/6F dt. 29.03.11 up to 30.06.11 and 6782/6F dt. 07.09.11 up to 20.12.11	8-135/ 2003-FC, dt.13.05.04 (Stage I) 8-135/ 2003-FC dt.19/06/2006 (Stage II) 8-135/2003-FC (Vol.) dt. 21.12.10 (Stage I)	1994-95 4600 1995-96 4672 1996-97 6619 1997-98 2973 1998-99 9487 1999-00 10436 2000-01 14196 2001-02 8654 2002-03 11846 2003-04 49017	

Sr No	Name of the lease and area (ha)	Extent of Forest / Non-forest / Non-forest tenant	Reserved / Revenue/ Notified / DLC (ha)	Date of Execution / Date of Expire / Working under deemed	TWP by MOEF under FC Act	MoEF Order & Date	Illegal Production (in Tonne)**	
							Iron (MT)	Manganese (MT)
41	M/s. SAIL - Bolani Iron Ore Mines (1321.45)	1225.78/ 93.46/ 2.21	1181.66/ 44.12/ 0/ 0	11.4.60/ 10.4.90/ 11.04.90	8-17/97-FC dt. 05.04.10 (For 1 year) 8-17/1997-FC (pt.) dt. 04.04.11 (For 1 year) 8-17/1997-FC (pt.) dt. 09.11.11 (For 3 months) 8-17/1997-FC (pt.) dt. 02.03.12 (For 2 months) 8-17/1997-FC (pt.) dt. 01.05.12 (For 2 months) 8-17/1997-FC (pt.) dt. 08.08.12 (For 3 months)	8-17/97-FC dt.19/02/1998 8-17/ 1997-FC (pt.) dt. 11.12.12	1994-95 1718616 1995-96 1637729 1996-97 2197757 1997-98 2506969	

Sr No	Name of the lease and area (ha)	Extent of Forest / Non-forest / Non-forest tenant	Reserved / Revenue/ Notified / DLC (ha)	Date of Execution / Date of Expire / Working under deemed	TWP by MOEF under FC Act	MoEF Order & Date	Illegal Production (in Tonne)**	
							Iron (MT)	Manganese (MT)
42	M/s SAIL - Kalta/Barsuan Iron Ore mines (2486.383)	2347.673/138.71/0	1903.184/5.742/0/438.747	06.01.60/05.01.90/06.01.90	11-10/95-FC (Pt.I) dt. 10.07.95 (For 12 months) Memo no. 7743 dt. 16.11.96 of DFO Bonai for till further in broken up area. 8-90/96-FC dt. 20. 02. 97 (for 9 months) 8-90/96-FC dt. 02. 01.10(for 12 months) 8-90/96-FC (pt.)dt. 03. 03.11 (for 12 months) 8-90/96-FC (pt.)dt. 16. 03.12 (for 12 months)	8-90/96-FC dt.27/01/1998 (395.639)	1994-95 1859887	

Sr No	Name of the lease and area (ha)	Extent of Forest / Non-forest / Non-forest tenant	Reserved / Revenue/ Notified / DLC (ha)	Date of Execution / Date of Expire / Working under deemed	TWP by MOEF under FC Act	MoEF Order & Date	Illegal Production (in Tonne)**	
							Iron (MT)	Manganese (MT)
43	M/s. Tata Steel Ltd. - Joda-East Iron Ore Mines (671.093)	608.906/ 53.378/ 8.809	520.727/ 0.927/ 0/ 87.252	18.12.97/ 30.06.05/ 01.07.05	8-32/1993-FC dt. 13.06.05; 8-32/1999-FC (vol.II) dt.26.06.06; 8-32/1993-FC dt.30.06.05 (For 6 months); 8-32/1993-FC dt.09.01.06 (For 6 months); 8-32/1993-FC (vol.II) dt.26.06.06 (For 6 months)	8-32/93/FC Dt 16/01/1997,	1994-95 743030 1995-96 1153172 1996-97 1736240 2007-08 3903453 2008-09 4286733 2009-10 4733031 2010-11 5216915 2011-12 4950717	

Sr No	Name of the lease and area (ha)	Extent of Forest / Non-forest / Non-forest tenant	Reserved / Revenue / Notified / DLC (ha)	Date of Execution / Date of Expire / Working under deemed	TWP by MoEF under FC Act	MoEF Order & Date	Illegal Production (in Tonne)**	
							Iron (MT)	Manganese (MT)
44	M/s. Tata Steel Ltd. - Khandbandh Iron & Manganese Ore Mines (978)	836.757/36.968/104.32	681.718/44.653/0/110.386	27.11.84/16.1.03/17.01.84	11-17/2003-FC dt. 17/24.06.03 (For 6 months); 11-17/2004-FC dt. 14.05.04 (For 6 months); 8-98/2004-FC dt. 08.04.05 (For 3 months); 8-98/2004-FC dt. 13.07.05 (For 6 months); 8-98/2004-FC dt. 13.01.06 (For 6 months)	8-98/2004-FC dt. 09/08/06	1994-95 3891 1995-96 46278 1996-97 100605 1997-98 122944 1998-99 119612 1999-00 133332 2000-01 266406 2001-02 478178 2002-03 488065	1994-95 8103 1995-96 14516 1996-97 8788 1997-03 00
45	M/s. Tata Steel Ltd. - Joda-West Iron & Manganese Ore Mines (1437.719)	1167.313/179.609/90.797	505.392/40.698/0/621.223	27.10.84/16.01.03/17.01.03	11-29/2003-FC dt. 12.05.04 (For 1 year); 8-89/2003-FC dt. 18.07.05 (For 6 months); 8-89/2003-FC dt. 18.07.05 (For 6 months)	8-89/2004-FC dt. 10/08/2007	2003-04 29050	1994-95 11449 1995-96 7892 1996-97 13116 1997-98 6891 1998-99 12361 1999-00 6288 2000-01 7486 2001-02 16177 2002-03 42361 2003-04 81177

Sr No	Name of the lease and area (ha)	Extent of Forest / Non-forest / Non-forest tenant	Reserved / Revenue/ Notified / DLC (ha)	Date of Execution / Date of Expire / Working under deemed	TWP by MOEF under FC Act	MoEF Order & Date	Illegal Production (in Tonne)**	
							Iron (MT)	Manganese (MT)
46	M/s. Tata Steel Ltd. - Bamebari Iron & Manganese Ore Mines (464)	382.269/64.737/16.994	170.157/62.844/0/149.268	15.05.85/31.03.00/01.04.00	11-26/2003-FC Dt. 09.05.03 (For 6 months) 11-26/2003-FC Dt. 20.10.03 (For 6 months) 8-72/2004-FC dt. 26.05.05 (For 1 year)	8-72/2004-FC dt.25/01/2007	2004-05 6767	1994-95 21469 1995-96 29407 1996-97 22822 1997-98 26933 1998-99 34097 1999-00 28261 2000-01 38571 2001-02 44718 2002-03 69561 2004-05 146047 2005-06 63519 2006-07 83733
47	Sri Pawan Kumar Ahluwalia - Ganua Iron/Mn. Mines (86.886)	76.882/7.001/3.003	0/49.513/0/27.369	05.10.90/04.10.10/05.10.10		8-47/93-FC DT.7-9/08/1996	1994-00 00 2000-01 274423 2001-02 288300 2002-03 238400 2003-04 58500 2004-05 266900 2005-06 239300 2006-07 257848 2007-08 166800 2008-09 146500 2009-10 362610 2010-11 337100 2011-12 00	

Sr No	Name of the lease and area (ha)	Extent of Forest / Non-forest / Non-forest tenant	Reserved / Revenue/ Notified / DLC (ha)	Date of Execution / Date of Expire / Working under deemed	TWP by MOEF under FC Act	MoEF Order & Date	Illegal Production (in Tonne)**	
							Iron (MT)	Manganese (MT)
48	S.N. Mohanty - Ganua Iron/ Mn. Mines (13.796)	9.947/ 0.429/ 3.42	0/ 0/ 0/ 9.947	09.09.09/ 05.06.20/ No	NA	5-ORC032/2006 FCE dt.03/09/2007	1998-99 2412 1999-00 3549 2000-01 2451 2001-02 10623 2002-03 4265 2003-04 2045 2004-05 8129 2005-06 3678	
49	R.P. Sao - Guali Iron Ore Mines (365.026)	268.117/ 57.95/ 38.959	57.579/ 210.538/ 0/ 0	23.06.80/ 26.06.93/ 27.06.93	8-96/96/FC dt. 01.10.03	[1] 8-96/96-FC dt. 14/01/2005, [2] 8-96/96-FC (pt.) dt.06/09/2011	1994-95 7172 1995-96 5222 1996-97 27169 1997-98 1402 2002-03 570 2004-05 529586	
50	S.N. Mohanty - Raikela iron Ore Mines (18.315)	17.473/ 0.235/ 0.607	0/ 17.473/ 0/ 0	03.04.82/ 02.04.12/ 03.04.12	NA	8-298/FCE dt.13/05/2004, And 8-298/FCE dt.14/12/2010 (grant approval for 5 Ha and 9.618 Ha out of 17.473 Ha	1994-95 30365 1995-96 32266 1996-97 28367 1997-98 22696 1998-99 23071 1999-00 5630 2000-01 2674 2001-02 12197 2002-03 6272 2003-04 57956	

Sr No	Name of the lease and area (ha)	Extent of Forest / Non-forest / Non-forest tenant	Reserved / Revenue/ Notified / DLC (ha)	Date of Execution / Date of Expire / Working under deemed	TWP by MOEF under FC Act	MoEF Order & Date	Illegal Production (in Tonne)**	
							Iron (MT)	Manganese (MT)
51	S.N. Mohanty - KJST(Jaldih) Iron/Mn./Bauxite Mines (333.063)	330.04/0.802/2.221	0/19.733/140.17/20.1.87	20.01.87/19.01.07/20.01.07	8-45/2007-FC dt.12/06/2008 (For one year)	8-45/2007-FC (pt.) dt. 31/07/2009	1994-95 3965 1995-96 12570 1996-97 22305 1997-98 21165 1998-99 11325 1999-01 00 2001-02 3218 2002-03 1999 2003-04 22636 2004-05 105088 2005-06 384170 2006-07 662884	
*Mining has been carried out after 1998, in virgin DLC forest								
** The figures are provisional and would be confirmed during estimation for individual cases. Production for the period before 1993-94 would also be added.								

Annexure: IV

The list of lessees of iron and manganese ore who have not obtained F.C. approval

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
1	Arjun Lodha, Balagunda Iron & Manganese Ore Mines	326.5	322.12	0	04.11.1996
2	B. C. Dagara, Suleipat Iron Ore Mines	618.00	460.74	0	24.10.2005
3	Sri B. C. Dagara, Bhitarmda Iron Ore Mines	243.819	243.7	0	08.03.2008
4	B. C. Dagara, Ganna-Mandajoda Iron/Mn. Mines	12.08	12.03	0	02.05.2025
5	B. C. Dagara, Dalita Iron/Mn. Mines	22.165	22.165	22.165	27.06.2023
6	M. S. Deb, Inganjharan Iron & Manganese Ore Mines	114.930	58.127	21.054	19.11.1973
7	Basudev Agarwal, Urumunda Iron Mines	82.030	55.46	44.42	28.12.2011
8	M/s. B. I. Co. Ltd., Kusumdhil Mn Mines	52.176	21.392	4.209	13.01.2001
9	B. K. Mohanty, Uliburu Iron & Manganese Ore Mines	62.726	62.726	0	30.01.1996

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
10	B. K. Mohanty, Uliburu Iron & Manganese Ore & Limestone Mines	56.9393	4.4515	0	12.12.2003
11	B. S. Mishra, Kanther Koira Iron/Mn. Mines	33.985	21.181	0	19.09.2002
12	M/s. Bhanja Minerals (P) Ltd., Deojhar Iron Ore Mines	399.020	154.140	53.660	20.11.2003
13	M/s. Bhanja Minerals (P) Ltd., Inganijharan Iron & Manganese Ore Mines	216.885	160.425	0	26.02.1993
14	C. P. Sharma, RBT Iron/Mn. Mines	69.606	67.352	56.972	16.04.2006
15	D. C. Das, Maharajpur Iron Ore Mines	193.229	164.16	0	05.04.2009
16	D. R. Patnaik, Murgabeda Iron Ore Mines	15.378	10.500	0	02.07.2006
17	D. R. Patnaik, Thakurani Iron & Manganese Ore Mines	121.385	121.385	0	06.08.2008
18	D. C. Dagara, Ghusuria Iron Ore Mines	92.895	54.975	0	20.08.2004
19	Dr. S. Pradhan, Baitarani Iron Ore Mines	65.397	65.397	0	27.07.2008

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
20	M/s. O.M.C. Ltd., Kahandbandh Iron Ore Mines	366.311	294.530	196.309	30.11.1993
21	M/s. O.M.C. Ltd., Sakradihi Iron Ore Mines	564.550	189.630	0	28.12.1989
22	M/s. O.M.C. Ltd., Balda-Palsa- Jajang Iron Ore Mines	861.521	332.090	277.995	27.02.2000
23	M/s. O.M.C. Ltd., Banspani Iron Ore Mines	380.4	188.717	45.9	21.05.1996
24	M/s. O.M.C. Ltd., Gandamardan Iron Mines (Block 'A')	618.576	519.7472	0	21.05.1993
25	M/s. O.M.C. Ltd., Rantha Iron Mines	408.8731	408.8731	0	31.12.1998
26	M/s. O.M.C. Ltd., Kasira Iron Mines	418.355	231.670	5.301	13.10.1996
27	M/s. O.M.C. Ltd., Bhanjapalli Iron Mines	141.235	99.963	11.084	07.05.2012
28	M/s. O.M.C. Ltd., Tiring Pahar Iron Ore Mines	79.3	79.3	0	24.08.1994
29	M/s. O.M.C. Ltd., Parulipada Manganese Ore Mines	104.860	84.190	0	25.04.2001

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
30	M/s. O.M.C. Ltd., Roida- Sidhamatha Manganese Ore Mines	78.711	78.711	0	25.04.2001
31	M/s. O.M.C. Ltd., Dubuna Manganese Ore Mines	1322.998	1155.836	381.295	08.09.1991
32	M/s. O.M.C. Ltd., Nishikhal Manganese Ore Mines	501.67	454.79	0	28.06.2004
33	M/s. O.M.C. Ltd., Roida D_Block Manganese Ore Mines	129.499	106.355	0	Not Executed
34	M/s. O.M.C. Ltd., Dalki Iron & Manganese Ore Mines	265.29	246.523	0	07.08.1996
35	M/s. O.M.C. Ltd., Seremda- Bhadrasahi Iron Ore & Manganese Ore Mines	1734.57	1086.756	4.435	30.08.2006
36	M/s. O.M.C. Ltd. (SGBK), Siljora- Guruda-Balda- Kalimati Iron & Manganese Ore Mines	1011.5	561.98	380.918	Worked on agency basis by O.M.C. in past
37	G. S. Chaubey, Nangalsila Iron Ore Mines	45.931	8.745	0	17.07.2005

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
38	J. K. Chaubey, Purunapani Bhuyabasa Iron Ore Mines	85.49	4.889	0.712	21.07.2005
39	J. K. Chaubey, Budharajapahar Iron & Mn. Mines	42.958	42.958	0	28.07.2001
40	Narayani Sons, Laupada Iron Mines	141.336	36.8173	0	(1st RML rejected vide G.P.No. 15272/ 20.10.2006 & revision filed) and running as per HC Order
41	M/s. Essel Mining & Industries Ltd., Koira Iron Ore Mines	90.143	59.458	0	26.08.2001
42	M/s. Essel Mining & Industries Ltd., Unchabali Iron & Manganese Ore Mines	107.3066	32.1314	23.8684	31.07.2003
43	M/s. Feegrade & Co. Ltd., Sarkunda Iron/ Mn. Mines	393.556	390.003	1.011	19.12.2000
44	Geetarani Mohanty, Raikela Iron Ore Mines	67.586	66.671	66.671	01.07.2011
45	H. G. Pandya & Others, Jajang Iron Ore Mines	100.137	63.217	63.217	01.06.2013

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
46	K. C. Pradhan, Lakraghat Iron Ore Mines	10.720	9.045	0	28.11.2006
47	K. C. Pradhan, Paredipada Iron & Manganese Ore Mines	12.600	2.0356	0	11.06.2010
48	K. C. Pradhan, Hormotto Iron Ore Mines	59.186	0.240	0	20.01.2004
49	K. C. Pradhan, Ganua Iron/Mn. Mines	12.560	12.41	12.41	14.03.2011
50	Kalinga Mining Corporation, Jurudi Iron Ore Mines	27.17	16.670	16.670	21.06.1993
51	Kalinga Mining Corporation, Jurudi Iron Ore Mines	73.228	57.18	26.798	31.03.1997
52	Kalinga Mining Corporation, Jurudi Manganese Ore Mines	39.173	16.357	16.357	21.06.1993
53	KJS Ahluwalia, Panduliposi Iron & Manganese Ore Mines	40.470	21.797	0	19.12.2006
54	KJS Ahluwalia, Ganua Iron/Mn. Mines	23.300	21.117	0.506	15.07.2008
55	KJS Ahluwalia, Tantigram Iron/Mn. Mines	29.575	29.575	0	23.07.2011

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
56	AXL Exploration (P) Ltd., Bhutuda Mn. Mines	40.226	40.226	40.226	27.07.2004
57	M/s. Essel Mining & Industries Ltd., Surkunda Iron Ore Mines	160.90	159.513	125.277	03.12.2002
58	K. C. Pradhan, Nuagaon Mn. Mines	39.89	2.747	0	18.10.2004
59	M/s. Kusheleswara Minerals, Kalaparnat Iron Ore Mines	9.814	9.814	0	08.04.2011
60	M. R. Das, Deojhar Iron Ore Mines	11.533	1.36	1.36	05.07.2018
61	M. R. Das, Bhulbeda Iron & Manganese Ore Mines	5.139	4.095	4.095	03.12.1999
62	M. G. Mohanty, Ganua Iron/Mn. Mines	82.083	82.083	0	29.11.1991
63	M/s. Mineral Trading Syndicate, Bhulbeda Iron Ore Mines	62.322	55.9929	55.9929	09.06.2003
64	M/s. Narayani Sons Pvt. Ltd., Suruguturia Iron Ore Mines	99.784	94.785	94.785	05.07.2010
65	National Enterprises, Sanindupur Iron/Mn. Mines	70.917	54.399	54.399	09.09.2020

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
66	O.M.M. (P) Ltd., Kusumdihi Mn. Mines	31.549	28.324	4.775	31.12.1999
67	O.M.M. (P) Ltd., Sanputli Mn. Mines	23.29	6.661	6.661	31.12.1999
68	O.M.M. (P) Ltd., Tentulidihi Mn. Mines	35.613	35.613	3.687	31.12.1999
69	O.M.M. (P) Ltd., Orahuri Mn. Mines	51.476	32.759	26.782	31.12.1999
70	O.M.M. (P) Ltd., Patmunda Mn. Mines	807.316	612.351	105.526	31.12.1999
71	M/s. Orissa Mineral Development Co. Ltd., Roida- Bhadrasahi Iron & Manganese Ore Mines	103.600	102.355	0	30.09.2010
72	Orissa Industries Ltd., Kusumadihi Mn/Bauxite Mines	102.792	95.172	82.303	31.07.1997
73	M/s. Pattnaik Minerals (P) Ltd., Joribahal Iron Ore Mines	106.533	99.102	95.209	19.06.2008
74	M/s. Rungta Sons (P) Ltd., Kamanda Mn./ Bauxite Mines	43.067	18.053	11.817	25.02.2005
75	M/s. SAIL, Toda RF Iron Mines	25.981	25.981	0	16.01.1995

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
76	M/s. SAIL, Toda RF Iron Mines	77.94	77.94	0	28.04.2000
77	M/s. SAIL, Toda-RF Iron Mines	3.34	3.34	0	17.01.2004
78	M/s. SAIL, Bolani Iron & Manganese Ore Mines	1586.360	506.140	0	13.11.1982
79	M/s. Serajudin & Co., Guruda Iron & Manganese Ore Mines	40.064	8.045	6.564	21.04.2020
80	T. B. Lal, Kasia-Barpada Iron Ore Mines	77.500	49.640	11.728	01.12.1987
81	M/s. Tareni Minerals, Tehrai Iron/Mn. Mines	29.077	6.317	5.856	25.02.2000
82	M/s. TISCO Ltd., Malda Mn. Ore Mines	822.0	578.859	339.451	12.08.1990
83	M/s. TISCO Ltd., Katamati Iron Ore Mines	403.3238	199.172	0	16.01.2003
84	M/s. Zenith Mining Pvt. Ltd., Ganua Iron/Mn. Mines	129.179	94.864	94.864	22.10.2001

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
85	Matadin Sarada, Khajuridiha Iron/Mn. Mines	119.545	62.386	24.783	30.08.1987
86	R. B. Das, Kundrupani Iron & Manganese Ore Mines	10.255	4.249	0	06.09.2004
87	R. P. Sao, Chormalda Manganese Ore Mines	141.122	134.849	0	30.11.1987
88	S. N. Paul, Katasahi Manganese Ore Mines	9.7004	4.2411	0	08.10.2005
89	S. A. Halim, Oraghat Iron/ Mn. Mines	25.847	5.888	0	05.04.2018
90	S. C. Padhee, Gurubeda Iron Ore Mines	49.776	48.8497	48.8497	04.07.2002
91	S. C. Padhee, Bansapani Iron & Manganese Ore Mines	37.868	32.667	32.667	28.11.1993
92	S. D. Sharma, Raikela Iron Ore Mines	14.933	7.437	0.586	20.01.2012

Sr. No.	Name of the lessee	Total Area of lease (ha.)	Total Forest land (ha.)	DLC Area (ha.)	Date of Expiry of lease
93	S. D. Sharma, Raika Iron & Manganese Ore Mines	26.243	14.621	0	30.10.1999
94	S. D. Sharma, Nuagaon Iron/ Mn. Mines	12.942	12.942	4.642	06.05.2005
95	S. N. Dasmohapatra, Kolha-Rudukela Iron & Manganese Ore	36.474	15.0178	0	02.05.2022
96	S. N. Mohanty, Khuntupani Iron Ore Mines	15.378	15.378	0	03.04.2012
97	Kavita Agrawal, Kusumdihi Mn. Mines	47.486	47.486	46.859	27.03.2004
98	U. C. Mishra, Kamand Mn. Mines	60.70	47.81	0	07.08.2008

Annexure: IVA

Details of the mining leases having production without obtaining approval under FC Act, 1980 at all during subsisting lease period and deemed extension period but leases were allowed to operate illegally.

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and beginning of deemed extension	Working under deemed extension yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
1	2	3	4	5	6	7	8	9
1	M/s Narayani Sons.Laupada Iron Mines (141.336)	36.8173/104.5187 /0	0/ 36.8173/ 0/ 0	09.08.69	08.08.99	09.08.99	2000-08 00 2008-09 30228 2009-10 15702 2010-12 00	-

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and begining of deemed extention	Working under deemed extention yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
2	Sri B. C. Dagara Bhitarmada Iron ore mines	243.7/ 0.119/ 0	243.7/ 0/ 0/ 0	09.03.78	08.03.08	09.03.08	1994-95 00 1995-96 00 1996-97 9814 1997-98 1319 1998-99 00 1999-00 00 2000-01 00 2001-02 00 2002-03 00 2003-04 00 2004-05 00 2005-06 1460 2006-07 1036 2007-08 164265 2008-09 321591 2009-10 133269 2010-12 00	-

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and begining of deemed extention	Working under deemed extention yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
3	J.K.Chaubey, Budharajapahar Iron & Mn. Mines (42.958)	42.958/0/0	-	02.05.1970	01.05.00	02.05.00	2000-01 150 2001-02 1901 2002-04 00 2004-05 248 2005-08 00 2008-09 47093 2009-10 13400 2010-12 00	-

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and begining of deemed extention	Working under deemed extention yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
4	J.K.Chaubey, Purunapani Bhuyabasa Iron ore mines (85.49)	4.889/ 80.601/ 0	1.02/ 3.157/ 0/ 7.12	19.05.1982	18.05.02	19.05.02	1994-95 158 1995-96 2969 1996-97 4277 1997-98 1072 1998-99 5243 1999-00 2237 2000-01 2955 2001-02 5935 2002-03 1739 2003-04 5177 2004-05 6293 2005-06 2430 2006-07 3328 2007-08 8512 2008-09 2834 2009-10 1925 2010-12 00	-

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and begining of deemed extention	Working under deemed extention yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
5	G. S. Chaubey, Nangalsila Iron ore mines (45.931)	8.745/ 37.186/ 0	0/ 8.745/ 0/ 0	19.04.85	18.04.05	19.04.05	1994-95 2920 1995-96 1095 1996-97 554 1997-98 66 1998-99 127 1999-01 00 2001-02 107 2002-03 00 2003-04 2275 2004-05 12527 2005-06 5589 2006-07 300 2007-08 19356 2008-09 1549 2009-12 00	-

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and begining of deemed extention	Working under deemed extention yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
6	S.D.Sharma, Raikela iron ore Mines (26.243)	14.621/ 11.622/ 0	0/ 14.621/ 0/ 0	21.01.82	20.01.12	20.01.12	1994-95 00 1995-96 750 1996-97 00 1997-98 882 1998-99 4487 1999-03 00 2003-04 2010 2004-05 4950 2005-06 12149 2006-07 2991 2007-08 370 2008-09 86164 2009-12 00	-

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and beginning of deemed extension	Working under deemed extension yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
7	D. C. Das Maharajpur Iron ore mines (101.171)	164.16/ 0/ 29.069	164.16/ 0/ 0/ 0	06.04.79	05.04.09	yes from 06.04.09	1994-95 365 1995-96 3088 1996-97 2833 1997-98 4323 1998-99 1953 1999-00 78 2000-01 130 2001-02 2254 2002-03 2534 2003-04 3978 2004-05 18474 2005-06 45349 2006-07 13260 2007-08 257374 2008-09 129773 2009-12 00	-

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved / Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and beginning of deemed extension	Working under deemed extension yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
8	M/s Tareni Minerals, Tehrai Iron/Mn. Mines (29.077)	6.317/ 11.073/ 11.687	0/ 0.461/ 0/ 5.856	26.12.80	25.12.00	26.12.00	1994-95 100 1995-96 475 1996-97 1020 1997-98 00 1998-99 2286 1999-00 00 2000-01 40 2001-04 00 2004-05 8260 2005-06 7600 2006-07 2950 2007-08 5250 2008-09 1300 2009-10 800 2010-12 00	1994-95 998 1995-00 00 2000-01 350 2001-02 2815 2002-12 00

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							Iron	Manganese
9	M/s Zenith mining P Ltd, Ganua Iron/Mn. Mines (129.179)	94.864/ 15.078/ 19.237	0/ 0/ 0/ 94.864	23.10.1991 (for 10 yr)	22.10.01	23.10.01	2002-03 424 2003-04 6649 2004-05 42598 2005-06 97500 2006-07 50219 2007-08 44460 2008-09 69400 2009-10 37500 2010-12 00	-
10	M/s O.M.C Ltd, Balda-Palsa-Jajang Iron Ore Mines (861.521)	332.09/ 181.465/ 347.966	0/ 54.095/ 0/ 277.995	27.02.70	27.2.00	28.02.00	2000-01 90435 2001-02 81570 2002-03 172831 2003-04 311822 2004-05 244239 2005-06 219531 2006-07 281084 2007-08 215650 2008-09 153068 2009-10 1250 2010-12 00	-

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							Iron	Manganese
11	M/s O.M.C Ltd, Dubuna Manganese Ore Mines (1322.998)	1155.836 / 167.162/ 0	753.274/ 21.267/ 0/ 381.295	08.09.71	07.09.91	08.09.91	-	1994-95 00 1995-96 15415 1996-97 1751 1997-12 00
12	M/s O.M.C Ltd, Dubna- Sakradihni Iron Ore Mines (1322.998)	1155.836 / 167.162/ 0	753.274/ 21.267/ 0/ 381.295	28.12.59 (Amalgamated 28.12.89, 08.09.71) 30 Yr	27.12.89	28.12.89	1994-95 4985 1995-96 73773 1996-97 113562 1997-98 150413 1998-99 131443 1999-00 147900 2000-01 158083 2001-02 66558 2002-03 128570 2003-04 226025 2004-05 186078 2005-06 278826 2006-07 1602 2007-12 00	-

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							Iron	Manganese
13	Dr. S Pradhan, Baitarani Iron Ore Mines (65.397)	65.39/ 0/ 0	65.397/ 0/ 0/ 0	28.07.78	27.08.08	28.08.08	2008-09 245629 2009-10 51176 2010-12 00	-
14	S.C Padhee, Gurubeda Iron Ore Mines (49.776)	48.8497/ 0.5543/ 0.372	0/ 0/ 0/ 48.8497	07.01.97 (04.07.92)	04.07.02	05.07.02	2003-04 19200 2004-05 39670 2005-06 50400 2006-07 80550 2007-08 107267 2008-09 83858 2009-10 24700 2010-12 00	-

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							Iron	Manganese
15	Kalinga Mining Corporation Jurudi Iron Ore Mines (27.17)	16.67/ 3.67/ 6.83	0/ 0/ 0/ 16.67	22.06.73	21.06.93	22.06.93	1998-99 2570 1999-00 650 2000-01 600 2001-02 600 2002-03 500 2003-04 1525 2004-05 6200 2005-06 52334 2006-07 1900 2007-08 1000 2008-12 00	-
16	Kalinga Mining Corporation, Jurudi Iron Ore Mines (12.691)	12.687/ 0/ 0.004	0/ 2.8/ 0/ 9.887	22.06.73	21.06.93	22.06.93	1998-99 1485 1999-00 3100 2000-01 00 2001-02 800 2002-05 00 2005-06 42000 2006-07 489000 2007-08 284400 2008-09 35996 2009-12 00	-

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							Iron	Manganese
17	K.C Pradhan, Lakraghat Iron Ore Mines (10.72)	9.045/ 1.675/ 0	8.778/ 0.267/ 0/ 0	29.11.86	28.11.06	29.11.06	1994-95 5367 1995-96 6257 1996-97 4577 1997-03 00 2003-04 1490 2004-05 9552 2005-06 13715 2006-07 10605 2007-08 2675 2008-09 7007 2009-12 00	-
18	Arjun Lodha, Balagunda Iron & Manganese Ore Mines (326.5)	322.12/ 2.5913/ 1.7887	316.81/ 5.31/ 0/ 0	05.11.66	04.11.96	05.11.96	1996-97 9814 1997-98 1319 1998-2005 00 2005-06 1460 2006-07 1036 2007-08 164265 2008-09 321591 2009-10 133269 2010-12 00	-

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							Iron	Manganese
19	R.B Das, Kundrupani Iron & Manganese Ore Mines (10.255)	4.249/ 1.522/ 4.484	0/ 4.249/ 0/ 0	01.03.84	28.02.04	29.02.04	1995-96 5790 1996-98 00 1998-99 1786 1999-03 00 2003-04 5423 2004-05 28050 2005-06 19300 2006-07 47900 2007-08 42200 2008-09 22264 2009-10 8800 2010-11 00 2011-12 50452	-
20	M.R.Das, Bhulbeda Iron & Manganese Ore Mines (5.139)	4.095/ 0.567/ 0.477	0/ 0/ 0/ 4.095	04.12.79	03.12.99	04.12.99	1994-04 00 2004-05 700 2005-06 1100 2006-12 00	-

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							Iron	Manganese
21	B.K.Mohanty, Uliburu Iron & Manganese Ore & Limestone Mines (56.9393)	4.4515/ 52.4878/ 0	0/ 4.4515/ 0/ 0	07.01.72	06.01.92	07.01.92	2003-04 48000 2004-05 213000 2005-06 885120 2006-07 1442760 2007-08 1447800 2008-09 195250 2009-10 516896 TOTAL 4748826 (All from encroached forest areas)	2004-05 610 (All from encroached forest areas)

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							Iron	Manganese
22	M.S.Deb, Inganjharan Iron & Manganese Ore Mines (114.93)	58.127/ 56.803/ 0	32.703/ 4.37/ 0/ 21.054	19.01.53	18.01.73	19.01.73	1994-95 1057 1995-96 200 1996-97 120 1997-98 00 1998-99 2978 1999-05 00 2005-06 39755 2006-07 445995 2007-08 314155 2008-09 321500 2009-10 36500 2010-12 00	-

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							Iron	Manganese
23	S.D.Sharma Railka Iron & Manganese Ore Mines (26.243)	14.621/ 11.622/ 0	0/ 14.621/ 0/ 0	01.11.79	30.10.99	01.11.99	1994-95 00 1995-96 570 1996-97 00 1997-98 882 1998-99 4487 1999-00 00 2000-01 00 2001-02 00 2002-03 00 2003-04 2010 2004-05 4950 2005-06 12149 2006-07 2991 2007-08 370 2008-09 86164 2009-10 00 2010-11 00 2011-12 00	1994-95 00 1995-96 570 1996-97 00 1997-98 882 1998-99 4487 1999-00 00 2000-01 00 2001-02 00 2002-03 00 2003-04 2010 2004-05 4950 2005-06 12149 2006-07 2991 2007-08 370 2008-09 86164 2009-10 00 2010-11 00 2011-12 00

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and beginning of deemed extention	Working under deemed extention yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
24	S.N.Paul, Katasahi Manganese Ore Mines (9.7)	4.2411/ 3.0231/ 2.4362	0/ 4.2411/ 0/ 0	09.10.85	08.10.05	09.10.05	-	1994-05 00 2005-06 51 2006-07 203 2007-08 525 2008-09 150 2009-10 206 2010-12 00
25	M/s Mineral Trading Syndicate, Bhulbeda Iron Ore Mines (62.322)	55.9924/ 6.3296/ 0	0/ 0/ 0/ 55.9924	16.03.82	15.03.02	16.03.02	2002-03 3642 2003-04 16931 2004-05 5259 2005-06 2062 2006-07 11025 2007-08 11791 2008-09 17587 2009-10 750 2010-12 00	-

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							Iron	Manganese
26	M/s Narayani Sons Pvt Ltd, Suruguturia Iron Ore Mines (99.784)	94.7856/ 0.923/ 4.076	0/ 0/ 0/ 94.7856	06.07.90	04.07.00 & 06.07.10	06.07.10	2000-01 1554 2001-02 57 2002-03 3063 2003-04 29002 2004-05 16886 2005-06 28131 2006-07 19429 2007-08 73871 2008-09 71882 2009-10 56327 2010-12 00	-

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							Iron	Manganese
27	H.G.Pandya & Others, Jajang Iron Ore Mines (100.137)	63.217/ 36.92/ 0	0/ 0/ 0/ 63.217	21.07.1994	20.07.14	-	1998-99 157873 1999-00 145154 2000-01 141690 2001-02 247100 2002-03 216528 2003-04 200401 2004-05 209998 2005-06 169924 2006-07 217547 2007-08 283196 2008-09 205616 2009-10 103325 2010-12 00	-

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							Iron	Manganese
28	M/s National Enterprises, Sanindupur Iron/Mn. Mines (70.917)	54.399/ 16.304/ 0.214	0/ 0/ 0/ 54.399	10.09.2000	09.09.20	-	2001-02 15103 2002-03 9828 2003-04 41712 2004-05 84478 2005-06 153179 2006-07 362348 2007-08 413000 2008-09 313300 2009-10 434850 2010-11 200600 2011-12 00	-
29	M.R.Das, Deojhar Iron Ore Mines (11.533)	1.36/ 1.562/ 8.611	0/ 0/ 0/ 1.36	06.07.98	05.07.18	-	2001-02 2880 2002-03 11755 2003-04 11449 2004-05 12038 2005-07 00 2007-08 5150 2008-09 00 2009-10 80 2010-12 00	-

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							Iron	Manganese
30	B. C. Dagara Suleipat Iron ore mines (430.99)	360.9/ 55.9/ 14.19	312.85/ 48.05/ 0/ 0	25.10.75	24.10.05	25.10.05	2005-06 145145 2006-07 37546 2007-08 104517 2008-09 20124 2009-10 3087 2010-11 00 2011-12 7355	-

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and begining of deemed extention	Working under deemed extention yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
31	M/s Bhanja Minerals (P) Ltd. Inganijharan Iron & Manganese Ore Mines (216.883)	160.425/ 56.458/ 0	159.175/ 1.25/ 0/ 0	30.12.80	26.2.93	27.02.93	1994-95 11154 1995-96 11943 1996-97 19746 1997-98 43376 1998-99 31137 1999-00 21508 2000-01 30363 2001-02 44454 2002-03 61323 2003-04 146802 2004-05 179300 2005-06 214918 2006-07 82279 2007-08 162616 2008-09 261938 2009-10 99705 2010-11 132460 2011-12 176839	-

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest Tenant (ha)	Extent of Reserved / Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and beginning of deemed extention	Working under deemed extention yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
32	D. R. Patnaik Murgabeda Iron Ore Mines (15.378)	13.904/ 0.171/ 1.303	12.513/ 1.391/ 0/ 0	03.07.76	02.07.06	03.07.06	2006-07 222205 2007-08 26440 2008-09 18200 2009-10 204834 2010-11 32100 2011-12 00	-
33	D.C. Dagara Ghusuria Iron ore mines (92.895)	54.9795/ 37.92/ 0	0/ 54.975/ 0/ 0	21.08.84	20.08.04	21.08.04	1994-95 1641 1995-96 6153 1996-97 8049 1997-98 5382 1998-99 4301 1999-00 1536 2000-01 126 2001-02 182 2002-03 7361 2003-04 54 2004-05 2035 2005-06 27527 2006-07 17104 2007-08 26409 2008-09 17184 2009-12 00	-

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							Iron	Manganese
34	M/s OMC Ltd. Khandbandh Iron Ore Mines (366.311)	294.53/ 49.0701/ 22.7109	0/ 98.221/ 0/ 196.309	30.11.63	29.11.93	30.11.93	1994-95 72200 1995-96 64169 1996-97 88560 1997-98 104277 1998-99 101186 1999-00 104638 2000-01 102838 2001-02 101529 2002-03 187516 2003-04 244916 2004-05 216787 2005-06 177184 2006-07 26255 2007-08 52014 2008-09 120328 2009-10 42550 2010-12 00	-

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							Iron	Manganese
35	M/s O.M.C Ltd Banspani Iron Ore Mines (380.4)	188.717/ 49.803/ 141.88	129.435/ 13.382/ 0/ 45.9	21.05.66	20.05.96	21.05.96	1994-02 00 2002-03 60142 2003-04 74300 2004-05 13800 2005-12 00	-
36	M/s. OMC Ltd Kasira Iron mines (418.355)	231.67/ 136.892/ 49.793	62.281/ 164.088/ 0/ 5.301	13.10.76	12.10.96	13.10.96	1994-04 00 2004-05 55298 2005-06 96248 2006-07 1200 2007-12 00	-
37	M/s.OMC Ltd Bhanjapalli Iron Mines (141.235)	99.963/ 31.479/ 9.793	0/ 88.879/ 0/ 11.084	07.05.82	07.05.12	08.05.12	1994-2004 00 2004-05 9630 2005-06 91941 2006-07 14094 2007-12 00	-

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							Iron	Manganese
38	M/s O.M.C Ltd Seremda- Bhadrasahi Iron Ore & Manganese Ore Mines (1734.57)	1086.756 / 218.462/ 429.352	718.735/ 363.586/ 0/ 4.435	30.08.86	29.08.06	30.08.06	1994-95 81054 1995-96 103030 1996-97 106274 1997-98 82962 1998-99 87833 1999-00 82814 2000-01 3902 2001-02 39902 2002-03 100906 2003-04 107279 2004-05 95192 2005-06 233479 2006-07 254145 2007-08 104606 2008-09 52860 2009-10 22800 2010-11 51022 2011-12 00	-

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							Iron	Manganese
39	M/s Essel Mining & Industries Ltd. Unchabali Iron & Manganese Ore Mines (107.3066)	32.1314/ 75.0942/ 0.081	0/ 8.263/ 0/ 23.8684	23.11.84	31.7.03	01.08.03	1994-95 389 1995-96 218 1996-97 2675 1997-2012 00	-

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							Iron	Manganese
40	M/s. Geetarani Mohanty, Raikela iron ore Mines (67.586)	66.671/ 0.915/ 0	0/ 0/ 0/ 66.671	02.07.91	01.07.11	02.07.11	1998-99 62670 1999-00 33200 2000-01 100650 2001-02 112250 2002-03 40868 2003-04 123450 2004-05 497342 2005-06 649400 2006-07 1300500 2007-08 165370 2008-09 174410 2009-10 413668 2010-11 855638 2011-12 304249	-
41	M/s Kusheleswara Minerals - Kalaparbat Iron Ore Mines (9.814)	9.814/ 0/ 0	9.814/ 0/ 0/ 0	09.04.81	08.04.11	09.04.11	1994-95 241 1995-96 9873 1996-97 463 1997-2012 00	1994-95 00 1995-96 494 1996-04 00 2004-05 170 2005-12 00

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							Iron	Manganese
42	M/s Pattnaik Minerals Pvt.Ltd - Joribahal Manganese Ore Mines (106.533)	99.102/ 2.652/ 4.779	0/ 3.893/ 0/ 95.209	25.5.89 & 19.10.98	19.6.08	-	2008-09 1358881 2009-10 1119362 2010-11 951607 2011-12 27057	-
43	Matadin Sarda - Khajuridiha Iron/Mn. Mines (119.544)	62.386/ 14.041/ 43.116	0/ 14.172/ 23.431/ 24.763	25.07.78	30.08.87	30.11.94 (31.08.67)	1994-95 632 1995-96 985 1996-97 624 1997-98 2293 1998-99 3643 1999-03 00 2003-04 27264 2004-05 33480 2005-06 59870 2006-12 00	1994-95 2664 1995-96 2788 1996-97 6659 1997-98 2642 1998-99 2074 1999-00 5860 2000-01 7786 2001-02 7367 2002-03 5028 2003-04 20 2004-07 00 2007-08 120 2008-09 63 2009-10 32 2010-12 00

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							Iron	Manganese
44	S.A.Halim - Oraghat Iron/Mn. Mines (25.847)	5.888/ 7.827/ 12.132	0/ 0/ 5.888/ 0	06.04.98	05.04.18	-	2000-01 00 2001-02 3546 2002-03 1563 2003-04 6292 2004-05 13352 2005-06 1223 2006-07 2619 2007-08 00 2008-09 32396 2009-10 18562 2010-11 00 2011-12 5856	1994-00 00 2000-01 7.66 2001-02 1819 2002-03 2307 2003-04 389 2004-12 00

Sl. No	Name of the lease and area (ha)	Extent of Forest/ Non-Forest/ Non-Forest Tenant (ha)	Extent of Reserved /Revenue / Notified / DLC Forest (ha)	Date of lease deed	Date of Expiry of Lease and begining of deemed extention	Working under deemed extention yes/no	Illegal Production (in Tonne)	
							Iron	Manganese
45	S.D.Sharma Nuagaon Iron/Mn. Mines (12.942)	12.942/ 0/ 0	0/ 8.3/ 0/ 4.642	07.05.85	06.05.05	07.05.05	1994-95 3643 1995-96 660 1996-01 00 2001-02 500 2002-03 00 2003-04 12170 2004-05 57599 2005-06 93770 2006-07 85005 2007-08 54828 2008-09 3586 2009-12 00	1994-95 3715 1995-96 1045 1996-97 1098 1997-98 7730 1998-99 7259 1999-00 3195 2000-01 10044 2001-02 4120 2002-03 4437 2003-04 00 2004-05 2355 2005-06 473 2006-12 00

Annexure: V

The list of lessees of iron and manganese ore which are adjacent to or passing through by perennial/ seasonal rivers/stream/revulates. The operation of leases cause pollution and adversely affect the aquatic ecosystem and others.

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
1	A.M.T.C. (P) Ltd., Narayanposi Iron/Mn. Mines (349.263)	J-11015/288/ 2008-IA-II (M) dated 21.02.2011	Karo river passes through western boundary of lease area.	The study area falls in the catchment of the Karo River.
2	M/s. Adhunik Mitaliks Ltd., Mahadebnas Iron Ore Mine (33.803)	J-11015/240/ 2007- IA-II (M) dated. 19.02.2009	A nallah (may be Murgah) is flowing by the side of lease boundary in the western side of ML	Murgah nallah is flowing north to south in the western side at a distance of 300 m.
3	B. C. Dagara, Suleipat Iron Ore Mines (618.00)	J-11015/278/ 2009-IA-II (M) dated. 16.09.2011	Eastern corner of lease is within the Suleipat reservoir	Khatkai river is reported to flow along the eastern boundary of the mining lease
4	M. S. Deb, Inganijharan Iron & Manganese Ore Mines (114.930)	No EC	Baitarni is flowing adjacent to the lease in east	0

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
5	M/s. B. I. Co. Ltd., Nadidiha Iron/Mn. Mines (73.855)	J-11015/138/2007-IA-II (M) dated. 02.04.2008	Karo river flowing 160 m north of the lease area	Karo river passes 300 mt. north of the lease area
6	M/s. Bhanja Minerals (P) Ltd., Inganijharan Iron & Manganese Ore Mines (216.885)	J-11015/143/2007-IA-II (M) dated. 03.09.2008	Baitarni is flowing 150m to the lease in east	250 mt. from the lease area
7	C. P. Sharma, RBT Iron/Mn. Mines (69.606)	J-11015/481/2007-IA-II (M) dated. 16.06.2008	A seasonal nallah is located in the middle portion of mining lease	A seasonal nallah is located in the middle portion of mining lease
8	M/s. Essel Mining & Industries Ltd., Jilling-Longalota Iron Ore Mines (456.100)	J-11015/194/2005-IA-II (M) dated. 17.03.2006	The Dalko nala passing through the mine lease and the Baitarni river flowing 550 m east of the boundary of mining lease	The Dalko nala passing through the mining lease
9	M/s. Essel Mining & Industries Ltd., Kasia Iron Ore, Dolomite & Limestone Mines (134.733)	J-11015/195/2005-IA-II (M) dated. 16.06.2006	Seasonal nallahs passes through the lease area drained into Karo river.	A seasonal nallah passes through the lease area drained into Karo river.

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
10	M/s. FACOR Ltd., Katasahi Manganese Ore Mines. (13.674)	No EC	Sunariver is flowing adjacent to lease in in south	0
11	M/s. Feegrade & Co. Ltd., Nadidiha Iron/ Mn. Mines (121.405)	J-11015/605/ 2007-IA-II (M) dated. 20.02.2009	Karo river passes throghout the western side of lease area	The karo river is flowing in the buffer zone of the mine at a distance of 0.04km
12	H. G. Pandya & Others, Jajang Iron Ore Mines (100.173)	No EC	Baitarni river is flowing within the ML in east	0
13	M/s. Jindal Steel & Power Ltd., TRB Iron Ore Mines (297.848)	J-11015/62/ 2005 IA-II (M) dated. 29.09.2005	Samij nallah is flowing adjoining the mining lease. Besides this, four other nallahs are originating from the mining lease area.	Samij nallah is flowing adjoining the mining lease
14	KJS Ahluwalia, Panduliposi Iron & Manganese Ore Mines (40.470)	No EC	Karo river passes throghout the lease area from south to north	0

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
15	KJS Ahluwalia, Nuagaon Iron Ore Mines (767.284)	J-11015/6/2007 IA-II (M) dated. 29.11.2007	The karo nala flows along thr NW boundary of the lease hold area. Besides this other nallahs are also originating from the mining lease area.	The karo nala flows along the NW boundary of the laease hold area.
16	Kalinga Mining Corporation, Jurudi Manganese Ore Mines (54.754)	J-11015/293/2006-IA-II (M) dated. 21.08.2007	Dalko nallah flowing adjacentt to lease boundary from west to east. Two other small nallahs are also noticed	Dalko nallah flowing adjacent to lease boundary from west to east
17	M/s. Kanakdhara Mining & Minerals (P) Ltd., Bandhal Mn. Mines (28.021)	J-11015/104/2006.IA-II (M) dated. 16.05.2008	Karo river passes adjacent to the lease boundary from eastern side	The karo and Teherai nalla are located at a distance of 9 km and 8 km respectively from the mine lease boundary
18	M/s. Kaypee Enterprises, Thakurani Iron Ore Mines (228.040)	J-11015/41/2005-IA-II (M) dated. 07.10.2005	A major nallah passes thorough the lease area in the dense forest	There is first order nallah present in the mine which will be disturbed due to mining

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
19	Korp Resources (P) Ltd., Tantra Iron Ore Mines (72.560)	J-11015/1008/2007- IA-II (M) dated. 04.06.2009	Samij nallah is flowing adjacent to mine lease at a distance of 20m. Within the lease area also two other nallahs are flowing.	Samij nallah is flowing adjacent to mine lease at distance of 200m
20	M. L. Rungta, Silijora-Kalimati Iron & Manganese Ore Mines (715.639)	J-11015/691/2007. IA-II (M) dated. 03.02.2009	Jalpa river is located in the close proximity to the lease area. Besides this, two other nallahs are originating from the lease area flowing NE and SW.	Jalpa river is located in the close proximity to the lease area
21	MGM Minerals Ltd., Patabeda Iron Ore Mines (28.397)	J-11015/92/2004- IA-II (M) dated. 21.07.2005	Sunanadi river is flowing in the northern boundary of ML	Sunanadi river flows in the northern boundary of ML
22	M/s. Mineral Trading Syndicate, Bhulbeda Iron Ore Mines (62.322)	No EC	Baitarni river is flowing adjacent to the ML in west	0

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
23	M/s. Narayani Sons Pvt. Ltd., Suruguturia Iron Ore Mines (99.784)	No EC	Baitarni river is flowing adjacent to the ML in east	0
24	National Enterprises, Sanindupur Iron/Mn. Mines (70.917)	No EC	adjacent to Sunariver in east	0
25	O.M.M. (P) Ltd., Sanputli Mn. Mines (23.290)	EC obtained by Odisha SEIAA - 361, dated. 06.09.2010	Sunariver passes through the lease in eastern side	0
26	O.M.M. (P) Ltd., Patmunda Mn. Mines (807.31)	J-11015/819/2007.IA-II (M) dated. 10.11.2008	Suna river passes through the lease in eastern side	Padhdi and Suna nallahs are adjacent to mine lease in south and east side respectively
27	M/s. O.M.C. Ltd., Tiring Pahar Iron Ore Mines (79.300)	J-11015/1082/2007-IA-II (M) dated. 12.06.2008	Kungra Nallah a perennial stream passes in west adjacent to the lease boundary	yes

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
28	M/s. O.M.C. Ltd., Kurmitar Iron Mines (1212.47)	J-11015/1080/2007- IA-II (M) dated. 02.09.2008	A third order stream originated from the lease area and flowing towards east	Paichkundi and Marda nallah are located in the buffer zone of the mines at a distance of 300m and 500 m respectively
29	M/s. O.M.C. Ltd., Kasira Iron Mines (418.335)	J-11015/1087/2007-IA-II (M) dated. 11.06.2008	Karo river passes through the lease area from western side	The karo nalla is within the mine lease and modification/ diversion in the existing natural drainage pattern has not been proposed
30	M/s. Orissa Mineral Development Co. Ltd., Roida-Bhadrasahi Iron Ore Mines (998.700)	J-11015/1090/2007-IA-II (M) dated. 15/12/2008	Suna river is flowing adjacent to eastern boundary of lease	Karo nallah and the Kundra nallah are flowing in the buffer zone of the mine at a distance of 1.5 km and 2 km respectively from the lease boundary

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
31	M/s BPMEL Roida-Bhadrasahi Iron & Manganese Ore Mines (254.952)	No EC	Suna river is flowing adjacent to southern boundary on ML	0
32	Prabodh Mohanty, Nuagaon Iron/Mn. Mines (29.257)	J-11015/392/2005-IA-II (M) dated. 29.05.2006	Karo river passes through western boundary of lease area	There is no mention in the EC
33	R. P. Sao, Guali Iron Ore Mines (338.026)	J-11015/8/2007-IA-II (M) dated. 30.11.2007	Karo nallah flows at a distance of 100m from the western boundary of the mine lease. Besides this, other nallahs are also originating from the mining lease area.	Karo nallah is flowing at a distance of 100m from the western boundary of the mine lease
34	M/s. Rungta Mines Ltd., Jajang Iron & Manganese Ore Mines (666.15)	J-11015/136/2005. IA-II (M) dated. 14.06.2005	Baitarni river is flowing adjacent to eastern boundary of ML	Jalpa, the Kakrapani Nallah, the Baitarni river and the Sunanadi are located in the close proximity to the mine lease area.

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
35	M/s. Rungta Mines Ltd., Kolmang Mn. Mines (218.530)	J-11015/593/2007-IA-II (M) dated. 11.02.2009	Suna river is flowing adjacent to eastern and southern boundary ML	The Kundra nallah (Suna river) is flowing in the buffer zone of the mine at a distance of 0.02 Km along the south east boundary of the lease area.
36	M/s. Rungta Sons (P) Ltd., Oraghat Iron Ore Mines (82.961)	J-11015/23/2007-IA-II (M) dated. 27.09.2007	Suna river is flowing south eastern boundary (40m) of ML	Suna river is located at distance of 710 m
37	M/s. Rungta Sons (P) Ltd., Katasahi Manganese Ore Mines (196.86)	J-11015/588/2007- IA-II (M) dated. 16.01.2009	Suna river is adjacent to lease in south	The Suna river is flowing adjacent to the mine lease towards south at a distance of 0.15 km. The Kakrapani nallah is flowing in the mine lease boundary.

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
38	S.A. Halim, Oraghat, Iron & Manganese Ore (25.847)	EC obtained by Odisha SEIAA - 167/10, dated. 16.4.2011	Suna river is flowing adjacent to eastern boundary of ML	0
39	S. C. Padhee, Gurubeda Iron Ore Mines (49.776)	No EC	Baitarni river is flowing adjacent to the ML in east	0
40	M/s. SAIL, Bolani Iron & Manganese Ore Mines (1586.36)	No EC	Karo river passes throughout the lease area from south to north	0
41	M/s. Sarada Mines Pvt. Ltd., Thakurani-Block-B Iron Ore Mines (947.046)	J-11015/05/2003- IA-II (M) dated. 22.09.2004	A major nallah passes through the lease area in the dense forest in the NW side of mining lease	Mahdeo nallah and Balita nallah are located in the buffer zone of the mine at a distance of 100m and 150m respectively.

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
42	M/s. Serajudin & Co., Balda Block Iron Ore Mines (335.594)	J-11015/319/2006. IA-II (M) dated. 21.08.2007	Jalpa nallah is flowing towards south from the mine and bethari nallah flow towards eastern boundary of mine lease	Jalpa nallah flowing is towards south of the mine and bethari nallah flows towards eastern boundary of mine lease
43	M/s. Tareni Minerals, Tehrai Iron/Mn. Mines (29.077)	No EC	Suna river passes through (SW-NE) the lease area	0
44	T. P. Mohanty, Naibega Iron Ore Mines (Total lease area 48.117 ha. but surface right is only for 29.92 ha.) (47.219)	J-11015/932/2007-IA-II(M) dated. 17.10.2008	Purunadihi nallah is passing through the mining lease	Purunadihi nallah is passing through the mining lease
45	M/s. TISCO Ltd., Khandbandh Iron & Manganese Ore Mines (978.00)	J-11015/50/2003- IA-II (M) dated. 28.03.2005	Suna river is flowing north and northwestern side of ML. Main pit falls by the side of river.	Suna river flows by the side of ML

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
46	M/s. TISCO Ltd., Joda-West Iron & Manganese Ore Mines (1437.719)	J-11015/86/2004-IA-II (M) dated. 13.09.2005	Suna river is flowing by the side of lease boundary of north and west side of ML	There is no mention of Suna river in the EC
47	M/s. TISCO Ltd., Joda-East Iron Ore Mines (671.093)	J-11015/51/2003-IA-II (M) dated. 05.03.2005	Suna river is flowing 75m west of the ML: Kundru nala originate from leased area.	No information and condition for treatment of nala and river in EC
48	M/s. TISCO Ltd., Manmora Manganese Ore Mines (16.350) (It includes lease area of Joda East Iron Mines)	EC obtained by Odisha SEIAA-38/11 dated. 29/06/2011	Suna river is flowing 75 m west from the ML	Stipulated condition No2 has not complied with.
49	M/s. TISCO Ltd., Malda Mn. Ore Mines (822.00)	J-11015/103/2006-IA-II (M) dated. 13.04.2007	Suna river is flowing by the side of lease boundary at north and west sides of ML	0
50	M/s. Pattnaik Minerals (P) Ltd., Joribahal Iron Ore Mines (106.534)	J-11015/516/2007-IA-II (M) dated. 25.07.2008	Baitrani river is located at a distance of 3.5 Km from the mine lease boundary	Baitrani river is located at a distance of 3.5 Km from the mine lease boundary

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
51	KJS Ahluwalia, Tantigram Iron/ Mn. Mines (29.575)	No EC	Two nallas originating from the lease area are flowing in the east and west.	0
52	M/s. A.M.T.C. (P) Ltd., Mahulsukha Mn. Mines (399.839)	J-11015/412/ 2005-IA-II (M) dated. 05.04.2007	Karo Nadi is flowing 400m north to the ML. One of the tributary originates from ML	Ther is no mention of in the EC
53	M/s. Kusheleswara Minerals, Kalaparnat Iron Ore Mines (9.814)	No EC	A nalla is originating from lease area flowing south - west.	0
54	Sun Alloys & Mineral (P) Ltd., Patmunda Mn. Mines (81.197)	No EC	A nallah originating from the mining lease OMN patmunda flowing southeast to northwest is 105 meter from the mining lease.	0

Sl. No.	Name of Lessee / Lease / Area (ha)	EC Order No. and Date	Distance from river/ stream (As per Google Image)	Distance from river/ stream (As per EC)
55	O.M.M. (P) Ltd., Orahuri Mn. Mines (51.476)	J-11015/75/2010-IA-II (M) dated. 24.10.2011	The Karo nallah and Tehrai nallah are flowing in the buffer zone of the mine at a distance of 0.27 Km (W) and 0.12 Km (E) respictevely from the mine lease boundary	It has been reported that the Karo nallah and Tehrai nallah are flowing in the buffer zone of the mine at a distance of 0.6 Km (W) and 5 Km (E) respictevely from the mine lease boundary

Annexure: VI

Status of iron & manganese ore mines of Mayurbhanj District falling within 10 kms. from outer boundary of Similipal National Park in State of Odisha (Mines are within Simiplipal Biosphere Reserve and Mayurbhanj Elephant Reserve)

Sl. No.	Name of lessee / lease (Forest land, Govt. land and Total land)	EC granted by MoEF with No. and Date and relevant condition mentioned, if any, in EC	Distance from the outer boundary of Similipal National Park in Km.	Submission made by lessee for ecosensitive zone for approval	Year Wise Production (Ton)
1	M/s. Lal Trades & Agencies, Badampahar Iron Ore Mines (Forest land: 128.830 ha., Government land: 0.780 ha. and Total land: 129.610 ha.)	J-11015/1180/2007.IA-II (M) dated. 09.04.2010 Total MLA- 119.63 Ha. Environmental clearence is subject to obtaining clearence under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project.	6.1	No National Park and Wildlife Sanctuary are reported to be located in the core and buffer zone of the mine. However, the Badamphar reserve forest is a part of elephant corridor of Mayurbhanj Elephant Project reported to be located in the buffer zone of the mine. The Similipal Biosphere reserve is reported to be located at a distance of 10.1 Km from the mine lease boundary.	2005-06 - 42464 2006-07 - 0 2007-08 - 285583 2008-09 - 306735 2009-10 - 1525 2010-11 - 452548 2011-12 - 678643

Sl. No.	Name of lessee / lease (Forest land, Govt. land and Total land)	EC granted by MoEF with No. and Date and relevant condition mentioned, if any, in EC	Distance from the outer boundary of Similipal National Park in Km.	Submission made by lessee for ecosensitive zone for approval	Year Wise Production (Ton)
2	B. C. Dagara, Suleipat Iron Ore Mines (Forest land: 461.04 ha., Government land: 156.96 ha. and Total land: 618 ha.)	J-11015/278/2009.IA-II (M) dated. 16/09/2011 Total MLA- 618 Ha.	7.57	No National Park/wildlife sancutry/biosphere reserve/ tiger reserve / elephant reserve etc. are reported to be located in the core and buffer zone of the mine and that the area does not report to form corridor for Schedule - I fauna.	2005-06 - 145145 2006-07 - 37546 2007-08 - 104517 2008-09 - 20124 2009-10 - 3087 2010-11 - 0 2011-12 - 7355

Sl. No.	Name of lessee / lease (Forest land, Govt. land and Total land)	EC granted by MoEF with No. and Date and relevant condition mentioned, if any, in EC	Distance from the outer boundary of Similipal National Park in Km.	Submission made by lessee for ecosensitive zone for approval	Year Wise Production (Ton)
3	D. C. Dagara, Ghusuria Iron Ore Mines (Forest land: 54.9795 ha., Government land: 37.92 ha. and Total land: 92.885 ha.)	J-11015/1020/2007.IA-II (M) dated. 01/04/2010 (Total MLA- 54.585 Ha) Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project. Necessary forestry clearance under the Forest (Conservation) Act, 1980.	8.85	The Mayurbhanj Elephant reserve is reported to be within the buffer zone of the mine.	2005-06 - 27527 2006-07 - 17104 2007-08 - 26409 2008-09 - 17184 2009-10 - 0 2010-11 - 0 2011-12 - 0

Sl. No.	Name of lessee / lease (Forest land, Govt. land and Total land)	EC granted by MoEF with No. and Date and relevant condition mentioned, if any, in EC	Distance from the outer boundary of Simlipal National Park in Km.	Submission made by lessee for ecosensitive zone for approval	Year Wise Production (Ton)
4	Sri B. C. Dagara, Bhitarmda Iron Ore Mines (Forest land: 243.7 ha., Government land: 0.119 ha. And Total land: 243.819 ha.)	No EC obtained	8.05		2005-06 - 5771 2006-07 - 12769 2007-08 - 29386 2008-09 - 0 2009-10 - 0 2010-11 - 0 2011-12 - 0
5	J. K. Chaubey, Budharajapahar Iron & Mn. Mines (Forest land: 42.958 ha., Government land: 0 ha. and Total land: 42.958 ha.)	No EC obtained	6.05		2005-06 - 0 2006-07 - 0 2007-08 - 0 2008-09 - 47093 2009-10 - 13400 2010-11 - 0 2011-12 - 0

Sl. No.	Name of lessee / lease (Forest land, Govt. land and Total land)	EC granted by MoEF with No. and Date and relevant condition mentioned, if any, in EC	Distance from the outer boundary of Similipal National Park in Km.	Submission made by lessee for ecosensitive zone for approval	Year Wise Production (Ton)
6	J. K. Chaubey, Purunapani Bhuyabasa Iron Ore Mines (Forest land: 4.889 ha., Government land: 81.937 ha. and Total land: 86.826 ha.)	No EC obtained	8.85		2005-06 - 2430 2006-07 - 3328 2007-08 - 8512 2008-09 - 2834 2009-10 - 1925 2010-11 - 0 2011-12 - 0
7	G. S. Chaubey, Nangalsila Iron Ore Mines (Forest land: 8.745 ha., Government land: 37.186 ha. and Total land: 45.931 ha.)	No EC obtained	9.59		2005-06 - 5589 2006-07 - 300 2007-08 - 19356 2008-09 - 1549 2009-10 - 0 2010-11 - 0 2011-12 - 0

Sl. No.	Name of lessee / lease (Forest land, Govt. land and Total land)	EC granted by MoEF with No. and Date and relevant condition mentioned, if any, in EC	Distance from the outer boundary of Similipal National Park in Km.	Submission made by lessee for ecosensitive zone for approval	Year Wise Production (Ton)
8	D. C. Das, Maharajpur Iron Ore Mines (Forest land: 175.76 ha., Government land: 17.467 ha. and Total land: 193.229 ha.)	No EC obtained	3.93		2005-06 - 45349 2006-07 - 13260 2007-08 - 257375 2008-09 - 129773 2009-10 - 0 2010-11 - 0 2011-12 - 0
9	B. K. Das, Kasiabeda Iron Ore Mines (Forest land: 0 ha., Government land: 9.874 ha. and Total land: 9.874 ha.)	No EC obtained	7.00		2005-06 - 4492 2006-07 - 2727 2007-08 - 126274 2008-09 - 160891 2009-10 - 0 2010-11 - 0 2011-12 - 0

Sl. No.	Name of lessee / lease (Forest land, Govt. land and Total land)	EC granted by MoEF with No. and Date and relevant condition mentioned, if any, in EC	Distance from the outer boundary of Similipal National Park in Km.	Submission made by lessee for ecosensitive zone for approval	Year Wise Production (Ton)
10	S. A. Karim, Ashanbani Iron Ore Mines (Forest land: 2.35 ha., Government land: 4.137 ha. and Total land: 7.272 ha.)	No EC obtained	1.2		2005-06 - 13194 2006-07 - 8415 2007-08 - 8684 2008-09 - 7230 2009-10 - 9842 2010-11 - 10498 2011-12 - 5571

Annexure: VII**The list of leases located within the buffer zone of the Elephant corridor**

SL. No.	Name of the lease	1 st EC Granted by MoEF	Elephant corridor (proposed)
		MoEF Order No., date, area and EC limit (MTPA)	
1	Gandhamardan Sponge Industries (P) Ltd., Putulpani Iron Mines	J-11015/294/2006 IA-II (M) dated.24.08.2007 Total MLA- 100.1632 Ha.(0.12 to 0.36)	The proposed elephant movement in the area which passes through at a distance of 2 km from the mining lease of eastern side.
2	M/s. O.M.C. Ltd., Daitari Iron Ore Mines	J-11015/1003/2007 IA-II (M) dated.22/09/2010 Total MLA- 1812.99 Ha (0 to 3.0)	The buffer zone of the project reported to form corridor for schedul-I fauna
3	M/s. Lal Trades & Agencies, Badampahar Iron Ore Mines	J-11015/1180/2007 IA-II (M) dated.09.04.2010 Total MLA- 119.63 Ha.(0 to 0.72)	The Badampahar reserve forest is a part of elephant corridor of Mayurbhanj Project reported to be located in the buffer zone of the mine.
4	D. C. Dagara, Ghusuria Iron Ore Mines	J-11015/1020/2007 IA-II (M) dated.01.04.2010 Total MLA- 54.585 Ha.(0.015 to 0.08)	The Badampahar reserve forest is a part of elephant corridor of Mayurbhanj Project reported to be located in the buffer zone of the mine.
5	B. C. Dagara, Suleipat Iron Ore Mines	J-11015/278/2009 IA-II (M) dated.16.09.2011 Total MLA- 618 Ha.(0 to 0.6)	The Badampahar reserve forest is a part of elephant corridor of Mayurbhanj Project reported to be located in the buffer zone of the mine.

SL. No.	Name of the lease	1 st EC Granted by MoEF	Elephant corridor (proposed)
		MoEF Order No., date, area and EC limit (MTPA)	
6	Sri B. C. Dagara, Bhitarmda Iron Ore Mines	243.82 Ha. (NO EC)	The Badampahar reserve forest is a part of elephant corridor of Mayurbhanj Project reported to be located in the buffer zone of the mine.
7	J. K. Chaubey, Budharajapahar Iron & Mn. Mines	42.958 Ha. (NO EC)	The Badampahar reserve forest is a part of elephant corridor of Mayurbhanj Project reported to be located in the buffer zone of the mine.
8	J. K. Chaubey, Purunapani Bhuyabasa Iron Ore Mines	85.49 Ha. (NO EC)	The Badampahar reserve forest is a part of elephant corridor of Mayurbhanj Project reported to be located in the buffer zone of the mine.
9	G. S. Chaubey, Nangalsila Iron Ore Mines	45.931 Ha.(NO EC)	The Badampahar reserve forest is a part of elephant corridor of Mayurbhanj Project reported to be located in the buffer zone of the mine.
10	D. C. Das, Maharajpur Iron Ore Mines	193.23 Ha. (NO EC)	The Badampahar reserve forest is a part of elephant corridor of Mayurbhanj Project reported to be located in the buffer zone of the mine.

SL. No.	Name of the lease	1 st EC Granted by MoEF	Elephant corridor (proposed)
		MoEF Order No., date, area and EC limit (MTPA)	
11	S.A.Karim Iron Ore Mines Asanbani	7.272 Ha.(NO EC)	The Badampahar reserve forest is a part of elephant corridor located in the buffer zone of the mine.
12	M/s G.S.Mishra Iron Ore Mines Gourmahisani	J-11015/426/2006 IA-II (M) dated.29.01.2008 Total ML 1435.3 Ha.(0.14 to 0.75)	The Badampahar reserve forest is a part of elephant corridor located in the buffer zone of the mine.
13	B. K. Das, Kasiabeda Iron Ore Mines	9.874 Ha.(NO EC)	The Badampahar reserve forest is a part of elephant corridor of Mayurbhanj Project reported to be located in the buffer zone of the mine.
14	M/s. Rungta Sons (P) Ltd., Oraghat Iron Ore Mines	J-11015/23/2007 IA-II (M) dated.27.09.2007 Total MLA- 207.787 Ha.(0.12 to 1.94)	The existing elephant corridor is located at a distance of 13.5 km and the proposed elephant corridor is at a distance of 12 km from the mining lease.
15	M/s. B. I. Co. Ltd., Kusumdihi Mn Mines	J-11015/644/2007 IA-II (M) dated.13.08.2008 Total MLA-52.176 Ha. (0.0014 to 0.012)	The Karo Karampada elephant corridor is located at a distance of 14.52 km from mine lease.

SL. No.	Name of the lease	1 st EC Granted by MoEF	Elephant corridor (proposed)
		MoEF Order No., date, area and EC limit (MTPA)	
16	M/s. Rungta Mines Ltd., Kanther Koira Mn. Mines	J-11015/699/2007 IA-II (M) dated.02.01.2009 Total MLA-73.653 Ha. (0.003 to 0.02)	The existing elephant corridor is located at a distance of 10.5 km from mine lease.
17	M/s. B. I. Co. Ltd., Nadidiha Iron/Mn. Mines	J-11015/138/2007 IA-II (M) dated.02.04.2008 Total MLA-73.855 Ha. (1.2 to 2.0)	The elephant corridor is located at a distance of 11 Km.
18	M/s. B. I. Co. Ltd., Teherai Iron/Mn. Mines	J-11015/196/2006 IA-II (M) dated.16.04.2008 Total MLA-137.46 Ha. (0.12 to 1.5)	The elephant corridor is located at a distance of 12 Km.
19	M/s. Feegrade & Co. Ltd., Nadidiha Iron/ Mn. Mines	J-11015/605/2007 IA-II (M) dated.20.02.2009 Total MLA-121.408 Ha. (0.048 to 2.6)	The existing elephant corridor is located at a distance of 10 km from the mining lease.
20	M/s. Rungta Sons (P) Ltd., Sanindipur Iron/ Bauxite Mines	J-11015/197/2006 IA-II (M) dated.17.05.2007 Total MLA- 147.10 Ha. (0.053 to 1.65)	The existing Elephant carridor is located at a a distance of 14 km. and proposed elephant corridor is at distance of 12.5 Km.
21	M/s. O.M.C. Ltd., Kahandbandh Iron Ore Mines	J-11015/1081/2007 IA-II (M) dated.15.12.2008 Total MLA- 366.311 Ha. (0.2 to 1.0)	The Karo Karampada elephant corridor is located at a distance of 11.6 km from mine lease.
22	M/s. O.M.C. Ltd., Tiring Pahar Iron Ore Mines	J-11015/1082/2007 IA-II (M) dated.12.06.2008 Total MLA- 79.3 Ha. (0 to 0.328)	The Karo Karampada elephant corridor is located at a distance of 11.6 km from mine lease.

SL. No.	Name of the lease	1 st EC Granted by MoEF	Elephant corridor (proposed)
		MoEF Order No., date, area and EC limit (MTPA)	
23	M/s. O.M.C. Ltd., Banspani Iron Ore Mines	J-11015/1089/2007 IA-II (M) dated.08.05.2008 Total MLA- 380.4 Ha. (0.078 to 1.0)	No elephant corridor falls within the 10 km buffer zone.
24	Kalinga Mining Corporation, Jurudi Iron Ore Mines	J-11015/293/2006 IA-II (M) dated. 21.08.2007 Total MLA - 73.228 Ha. (0.084 to 0.571)	It has been reported that the mining lease area is not coming under wildlife corridor. However the proposed Baitarani elephant movement area passes though distance of 1.5 km from the mining lease of eastern boundary.
25	M/s. Mideast Integrated Steel Ltd., Roida I Iron Ore Mines	J-11015/105/2006 IA-II (M) dated.20.12.2007 Total MLA - 104.68 Ha. (0.0 to 0.5 and 0.5 to 3.0)	The Karo Karampada elephant corridor is located at a distance of 9.3 km from mine lease.
26	KJS Ahluwalia, Nuagaon Iron Ore Mines	J-11015/6/2007 IA-II (M) dated. 29.11.2007 Total MLA - 767.284 Ha. (1.0 to 5.62)	The Karo Karampada elephant corridor is located at a distance of 12.5 km from mine lease.
27	M/s. Essel Mining & Industries Ltd., Jilling-Longalota Iron Ore Mines	J-11015/194/2005 IA-II (M) dated.17.03.2006 Total MLA -456.10 Ha. (0.75 to 4.2)	The area falls in the elephant habitated zone.
28	R. P. Sao, Guali Iron Ore Mines	J-11015/8/2007 IA-II (M) dated.30.11.2007 Total MLA - 365.026 Ha. (1.8 to 5.7)	The Karo Karampada elephant corridor is located at a distance of 11 km from mine lease.

SL. No.	Name of the lease	1 st EC Granted by MoEF	Elephant corridor (proposed)
		MoEF Order No., date, area and EC limit (MTPA)	
29	M/s. Sarada Mines Pvt. Ltd., Thakurani-Block-B Iron Ore Mines	J-11015/05/2003 IA-II (M) dated.22.09.2004 Total MLA - 868.396 Ha. (4.0 to 15)	The Karo Karampada elephant corridor is located at a distance of 15.84 km from mine lease.
30	M/s. Serajudin & Co., Balda Block Iron Ore Mines	J-11015/319/2006 IA-II (M) dated.21.08.2007 Total MLA - 335.594 Ha. (1.482 to 4.5)	The elephant corridor is located at a distance of 0.5 km from mine lease.
31	M/s. Rungta Sons (P) Ltd., Katasahi Manganese Ore Mines	J-11015/588/2007 IA-II (M) dated.16.01.2009 Total MLA - 196.86 Ha. (0.008 to 0.019)	The Karo Karampada elephant corridor is located at a distance of 12.12 km from mine lease.

Annexure: VIII

The list of mining leases where in MoEF has stipulated condition for Penal Compensatory Afforestation* during approval of diversion of forest land under Section 2 of FCA, 1980 in contravention of the said Act.

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
1	M/s. Bharat Process & Mechanical Engineers Ltd. (BPMEL), Thakurani Iron & Manganese Ore Mines	1546.55	468.307	Penal compensatory afforestation will be carried out over 765 ha. of degraded forest land at project cost.	8-91/96-FC dated. 26.2.1998	227.366
2	D. C. Jain, Dalpahar Block-A Iron & Manganese Ore Mines	101.171	101.171	Penal compensatory afforestation shall be raised over degraded forest land double in extent to the area used in violation, i.e., over 32.928 ha, and shall be maintained at the project cost.	8-103/2000-FC dated. 14.11.2005	16.464

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
3	Dr. S. Pradhan, Balita Iron Ore Mines	34.75	23.315	Penal compensatory afforestation will be carried out over 38.684 ha. degraded forest land at the project cost.	8-278/FCE/826 dated. 28.02.1999 & dated. 03.01.2006	5.26
4	M/s. O.M.C. Ltd., Daitari Iron Ore Mines	1018.31	825.28	Penal Compensatory afforestation will be carried out over 191.20 ha. of degraded forest land at project cost.	8-164/97-FC dated. 18.01.2000, 8-164/97-FC dated. 27.01.2005	95.6
5	M/s. O.M.C. Ltd., Kurmitar Iron Mines	1212.47	1205.94	Penal compensatory afforestation shall be raised over degraded forest land twice in extent to the forest land used in violation of the Forest (Conservation) Act, 1980 (57.604 ha.) and shall be maintained at the project cost.	8-113/2000-FC dated. 26.12.2003, And 2nd RML 8-113/2000-FC(Vol-I) dated. 10.04.2007 (2008)	28.802

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
6	M/s. O.M.C. Ltd. (IDCOL Ltd.), Roida C-Block Iron & Manganese Ore Mines	96.783	96.783	Penal compensatory afforestation shall be carried out at the project cost over 193.566 ha. degraded forest land.	8-121/97-FC dt.29.10.1998 Modify date. 14/01/2008 (not available)	46.763
7	M/s. Essel Mining & Industries Ltd., Kasia Iron Ore, Dolomite & Limestone Mines	134.733	113.88	Penal Compensatory afforestation will be carried out over 167.76 ha. of degraded forest land at project cost.	8-95/96-FC dated. 22.01.1998 , 8-95/96-FC dated. 27.05.2004, And F.no.8-95/1996-FC dated. 18.11.2011	83.880

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
8	M/s. Essel Mining & Industries Ltd., Jilling-Longalota Iron Ore Mines	456.1	369.592	Penal compensatory afforestation will be raised over 58.258 ha. of degraded forest land preferably adjoining to the mining site at the cost of user agency within a period of two years.	8-49/98-FC dated. 17.11.2000	29.129
9	M/s. K. N. Ram & Co., Roida II Iron Ore Mines	74.867	71.035	Penal Compensatory afforestation will be carried out over double the degraded forest land i.e. 34.20 ha. at project cost.	8-112/96-FC dated. 09.09.1999 And F no. 8-112/1996-FC dated.	26.930
10	M/s. A.M.T.C. (P) Ltd., Mahulsukha Mn. Mines	399.838	340.332	Penal compensatory afforestation shall be raised over 156.238 ha. of degraded forest land at the project cost.	8-23/98/FC dated. 04.04.2000, 3rd RML 8-93/2004-FC dated. 18.08.2008	78.119

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
11	M/s. Bharat Process & Mechanical Engineers Ltd. (BPMEL), Dalki Manganese Ore Mines	266.77	232.936	Penal Compensatory afforestation will be carried out over 335.63 ha. of degraded forest land at project cost.	8-93/96-FC dated. 03.08.1998	40.41
12	M/s. M. G. Mohanty, Patbeda Iron/ Mn. Mines	19.425	16.507	Penal compensatory afforestation shall be raised over 33.738 ha. of degraded forest land(3 times of 11.246 ha. of degraded) identified by the state government at Talita RF in bonai range at project cost.	5-ORC039/2007 BHU dated. 17.08.2009	11.246

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
13	M/s. Mideast Integrated Steel Ltd., Roida I Iron Ore Mines	104.68	104.68	Penal Compensatory Afforestation shall be carried out over degraded forest land, four times in extent to the broken up area (for two violations, renewal of lease in 1983 without approval under the Forest (Conservation) Act, 1980.	8-106/2005-FC dated. 19.02.2008	23.393
14	National Enterprises, Raikela Iron Ore Mines	45.932	43.876	Penal Compensatory Afforestation shall be raised over 52.00 ha. (13.00 ha. x 4) of degraded forest land and shall be maintained at the project cost.	8-128/1997 FC dt 10/11/2005	13.00

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
15	M/s. Orissa Mineral Development Co. Ltd., Belkundi Iron & Manganese Ore Mines	1276.79	448.276	Penal compensatory afforestation will be carried out over 247.282 Ha. of degraded forest land at project cost in favour of the State Forest Department.	8-86/96-FC dated. 26.02.1998	123.520
16	M/s. Pattnaik Minerals (P) Ltd., Joribahal Iron Ore Mines	106.533	99.102	Penal Compensatory afforestation will be carried out over 6.358 ha. of degraded forest land at project cost.	8-261/FCE dated. 24.08.1998	3.179
17	M/s. Rungta Mines Ltd., Kolmang Mn. Mines	218.53	129.504	Penal compensatory afforestation shall be raised over degraded forest land double in extent to the forest area used in violation, i.e. over 0.10 ha. (2x0.05 ha.) and shall be maintained at the project cost.	8-94/2003-FC dated. 16.03.2006, And F no.8-94/2003-FC(Vol.), dated. 25/10/2011 (including 6.645ha.SZ)	0.05

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
18	M/s. Rungta Mines Ltd., Kanthar Koiran Mn. Mines	73.653	35.839	Penal compensatory afforestation shall be raised over degraded forest land twice in extent of the forest land used in violation of the forest (Conservation) Act, 1980 (32.366 Ha.) and shall be maintained at the project cost.	8-107/2000-FC dated. 31.03.2003, And 8-107/2000-FC (pt.) dated. 05.05.2011	15.95
19	M/s. Rungta Sons (P) Ltd., Sanindipur Iron/ Bauxite Mines	147.100	126.324	Penal Compensatory Afforestation shall be raised over degraded forest land four times in extent to the forest area used in violation ie. Over 1.36 ha. (4 X 0.34 ha) and shall be maintained at the project cost.	8-135/2003-FC dated. 19.06.2006	0.34

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
20	S. N. Mohanty, Ganua Iron/Mn. Mines	13.796	9.947	Penal compensatory Affortation shall be raised and maitained over 17.00 ha. of degraded forest land in Baghiakucha RF of Bonai forest division.	5-ORC032/2006-FCE dated. 03.09.2007	8.50
21	R. P. Sao, Guali Iron Ore Mines	365.026	268.117	Penal compensatory affortation shall be raised and maitained over degraded forest land in double in extent in of the diverted forest area (2x 42.417=84.834 ha.) by the state forest department.	8-96/96-FC dated.14.01.2005 And F.no.8-96/96-FC (pt.) dated. 06.09.2011	42.417
22	P. K. Ahluwalia (Original lessee: Maitri Shukla), Ganua Iron/Mn. Mines	86.886	76.882	Penal compensatory afforstation to be raised over 26.72 ha. Of degraded forest land at the cost of user agency.	8-47/93-FC dated. 9.08.1996 7-	13.36

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
23	M/s. B. I. Co. Ltd., Nadidiha Iron/Mn. Mines	73.855	67.637	Penal compensatory Affortation two times the area used in violation i.e (2 x 18.091ha)= 37.00 ha will be undertaken by the state forest department from the funds received from the User Agency.	8-108/96-FC- dated. 17.04.2003 And F.no.8- 97/2008 -FC dated. 09.02.2011	18.09
24	M/s. TISCO Ltd., Khandbandh Iron & Manganes Ore Mines	978	836.757	Penal compensaatory affortation be raised and maintained over degraded forest land, double in extent of the area involved in violation, by the state forestdept. At the project cost as stipulated at the time of grant of temporaray working permission.	8-98/2004-FC dated. 09.08.2006	136.150

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
25	M/s. SAIL, Bolani Iron Ore Mines	1321.45	1225.78	Penal compensatory afforestation will be carried out over 633.40 ha. of degraded forest land at project cost.	8-17/97-FC dated. 19.02.1998	316.7
26	Dr. S. Pradhan, Inganijharan Iron & Mn. Ore Mines	18.7	18.7	Penal compensatory afforestation shall be raised and maintained at the cost of the User Agency oversr 3 ha. Of degraded forest land and the necessary cost at current wage trate shall be provided by the User Aagency asto the forest department.	8-248/FCE dated. 20.06.2006	1.430

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
27	M/s. Orissa Mineral Development Co. Ltd., Roida-Bhadrasahi Iron Ore Mines	998.7	877.31	Penal compensatory afforestation will be carried out over 435.332 ha of degraded forest land at project cost in favour of the state forest department.	8-118/96-FC dt.26/02/1998	177.565
28	Mala Roy & Others, Jalahuri Iron Ore Mines	182.109	177.569	Penal compensatory afforestation will be carried out over double the degraded forest land at project cost.	8-97/96-FCE dated. 21.01.1999	19.126

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
29	M/s. Rungta Sons (P) Ltd., Oraghat Iron Ore Mines	82.961	74.933	The User Agency will transfer the cost of Penal Compensatory afforestation over 10.8 ha degraded forest land (revised as on dated to incorporate existing wage structure) in favour of State Forest Department.	(21) 5/2000-FCE dated. 04.05.2006 And 8-18/2011-FC dated. 01.03.2011	5.40

Sr No	Name of the lease / lessee	Total Area of lease (ha)	Total Forest (ha)	FC Condition	FC order and date	Broken-up area (ha)
30	A.M.T.C. (P) Ltd., Narayanposi Iron/Mn. Mines	349.263	259.191	Penal compensatory afforestation shall be raised over 120 ha of degraded forest land identified in Amrudhi RF Bonai Forest Division, which is twice in extent to the area worked in violation of F(C)Act,1980, at the at project cost.	8-34/2000/ FC dated. 29.06.2001 And 8-34/2000-FC (Vol-I) dated. 15.11.2007	59.74
31	M/s. Tarini Mineral Pvt. Ltd., Deojhar Iron Ore Mines	34.365	34.365	Penal compensatory afforestation shall be raised and maintained over double degraded forest land at the project cost in violation of transfer of lease without FC approval.	8-216/92-FC dated.31.03.1993 Extnd, dated. 10/03/2008 (16/05/2008) (Granted in favour of Niranjana Patnaik)	0.00
*	Concerned Officers should verify whether Penal Compensatory Afforestation has been carried out or not.					

Annexure: IX
Details of mining leases (Iron & Manganesse) of broken up forest area before & after 1980 (in violation of FC Act 1980) as submitted by CCF Nodal Officer

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MOEF letter for diversion of forest land	Forest area diverted (ha)	Non-Broken up forest area diverted (ha)	Broken up forest area diverted (ha)	Before 1980	After 1980 without FC
1	P. K. Ahluwalia (Original lessee: Maitri Shukla), Ganua Iron/Mn. Mines	102.89	B-47/93-FC. 09-08-1996	54.40	41.04	0.00	0.00	13.36
2	M/s. SAIL, Kailash/Barua Iron Ore Mines	2486.383	8-90/96-FC dt.27.01.1996	395.639	100.00	295.639	0.00	0.00
3	M/s. Jindal Steel & Power Ltd., TRB Iron Ore Mines	297.855	8-63/95-FC- 06.5.1998	36.422	36.422	0.00	0.00	0.00
4		207.787	F.No. 8-63/95-FC (Vol-II) dt.06.08.2006	90.505	1.274	89.231	0.00	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
5	M/s. A.M.T.C. (P) Ltd., Mahulsukha Mn. Mines	399.838	8-23/98-FC dt.04.04.2000	227.00	148.881	0.00	78.119
6	A.M.T.C. (P) Ltd., Narayanposi Iron/Mn. Mines	349.263	8-34/2000-FC-2324(F) 29.6.2001	59.736	0.00	0.00	59.736
		349.263	F. No. 8-34/2000-FC (Vol-I) dated 15.11.2007	244.327	184.591	0.00	0.00
7	M/s. B. I. Co. Ltd., Nadidiha Iron/Mn. Mines	73.855	8-108/96-FC-17.4.2003	38.026	16.801	0.00	21.225
		73.855	F.No.8-97/2008-FC dated 09.02.2011	65.307	25.575	39.732	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
8	M/s. Rungta Mines Ltd., Kanther Koira Mn. Mines	73.653	8-107/2000-FC-31.3.2003	15.95	0.00	0.00	15.95
			8-107/2000-FC(pt) Dated 05 05 2011	33.799	17.849	15.95	0.00
9	M/s. O.M.C. Ltd., Kurmitar Iron Mines	1212.47	8-113/2000-FC-26.12.2003	28.802	0.00	0.00	28.802
		1212.47	8-113/2000-FC (Vol.-I) 10.04.2008	133.112	104.31	0.00	0.00
10	S. N. Mohanty, Raikela Iron Ore Mines	19.587	8-298/FCE dated 13.05.2004	5.00	0.00	5.00	0.00
		18.315	8-298/FCE BHU Dt 14.12.2010	14.618	9.618	0.00	0.00
11	National Enterprises, Raikela Iron Ore Mines	45.876	8-128/1997-FC 10.11.2005	37.317	24.317	0.00	13.00
12	M/s. M. G. Mohanty, Patabeda Iron Ore Mines	14.00	8(21)27/2003-FCE dt.29.12.2005	12.058	12.058	0.00	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
13	M/s. M. G. Mohanty, Patbeda Iron/ Mn. Mines	19.425	5-ORC 39/2007/BHU DT.17.08.2009	15.622	5.261	0.00	11.246
14	MGM Minerals Ltd., Patabeda Iron Ore Mines	28.397	8 (21) 28/2003-FCE dated 30.12.2005	23.581	23.581	0.00	0.00
15	M/s. Feegrade & Co. Ltd., Sarkunda Iron/ Mn. Mines	121.403	8-(21) 26/2003-FCE dated 16.03.2006	39.309	4.910	34.399	0.00
16	M/s. Rungta Mines Ltd., Kolmang Mn. Mines	218.52	8-94/2003-FC dtd. 16.03.2006	53.55	45.00	0.00	0.10
		113.75)	8-94/2003 FC dt 25.10.2011	32.017	32.017	0.00	0.00
17	M/s. Rungta Sons (P) Ltd., Oraghat Iron Ore Mines	82.961	8 (21) 5/2000-FCE dated 04.05.2006	10.80	10.80	0.00	5.40
18	M/s. Rungta Sons (P) Ltd., Sanindipur Iron/ Bauxite Mines	147.10	8-135/2003-FC dtd.19.06.2006	52.742	52.742	0.00	0.34

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
19	S. N. Mohanty, Ganua Iron/Mn. Mines	13.796	5-ORC 032/06 FCE dated 03.09.2007	8.244	0.00	0.00	8.244
20	J. N. Patnaik, Bhanjapali Iron Ore Mines	4.916	8-(21) 42/2004-FCE dated 05.06.2008	3.921	3.921	0.00	0.00
21	M/s. P.T.A. Ltd., Raikela Iron Ore Mines	49.372	8-23/2007-FC dtd. 13.05.2009	45.585	45.585	0.00	0.00
22	S. N. Mohanty, KJST (Jaldih) Iron/Mn./Bauxite Mines	333.063	8-95/2007-FC(pt) dt. 31.07.2009	177.520	151.240	26.280	0.00
23	Korp Resources (P) Ltd., Tantra Iron Ore Mines	72.560	8-108/2008-FC Dt. 14.06.2010	69.041	56.374	12.667	0.00
24	M/s. B. I. Co. Ltd., Teherai Iron/Mn. Mines	137.45	8-2/2009 FC dt.12.10.2010	82.609	17.199	65.410	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken area up forest diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
25	M/s. Tarini Mineral Pvt. Ltd., Jurudi-Jajang Iron & Manganese Ore Mines	66.368	8-22/91-FC-07.2.1992	15.068	15.068	0.00	0.00
26	M/s. Tarini Mineral Pvt. Ltd., Deojhar Iron Ore Mines	36.42	8-218/92-FC-06.4.1993	34.365	34.365	0.00	0.00
27	M/s. TISCO Ltd., Joda-East Iron Ore Mines	670.80	8-32/93-FC(Vol.II) 24.09.2007	567.087	433.778	133.309	0.00
28	M. L. Rungta, Silijora-Kalimati Iron & Manganese Ore Mines	715.639	8-104/96-FC dt.16.01.1998	139.736	43.89	95.85	0.00
		715.639	8-104/96-FC 12.11.2010	311.396	0.00	311.396	0.00
29	M/s. SAIL, Bolani Iron Ore Mines	1321.45	8-17/97-FC 19.2.1998	1050.15	733.45	0.00	316.70
30	M/s. Orissa Mineral Development Co. Ltd., Bagiaburu Iron Ore Mines	21.52	8-236/FCE 26.2.1998	17.083	0.00	17.083	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
31	M/s. Essel Mining & Industries Ltd., Kasia Iron Ore, Dolomite & Limestone Mines	134.733	8-95/96-FC 22.1.1998	83.880	0.00	0.00	83.880
			8-95/96-FC 28.5.2004	30.00	30.00	0.00	0.00
			8-95/1996-FC 18.11.2011	173.039	44.321	0.00	0.00
32	M/s. Bharat Process & Mechanical Engineers Ltd. (BPMEL), Thakurani Iron & Manganese Ore Mines	1546.550	8-91/96-FC 26.2.1998	382.504	155.138	0.00	227.366
33	M/s. Orissa Mineral Development Co. Ltd., Roida-Bhadrāsahi Iron Ore Mines	998.70	8-118/96-FC 26.2.1998	702.053	521.00	0.00	177.565
34	M/s. Orissa Mineral Development Co. Ltd., Belkundi Iron & Manganese Ore Mines	1276.790	8-88/96-FC 26.2.1998	384.540	261.020	0.00	123.529
35	M/s. Bharat Process & Mechanical Engineers Ltd. (BPMEL), Bhadrāsahi Iron & Manganese Ore Mines	254.952	8-92/97-FC 10.6.1998	119.001	55.502	63.499	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
36	M/s. Bharat Process & Mechanical Engineers Ltd. (BPMEL), Dalki Manganese Ore Mines	266.770	8-93/96-FC 03.8.1998	167.187	126.777	0.00	40.41
37	M/s. Pattnaik Minerals (P) Ltd., Joribahal Iron Ore Mines	106.534	8-261/FCE 24.8.1998	3.179	0.00	0.00	3.179
38	M/s. O.M.C. Ltd. (IDCOL Ltd.), Roida C-Block Iron & Manganese Ore Mines	192.81	8-121/97-FC 14.01.2008	96.783	50.00	0.00	46.763
39	B. D. Patnaik, Kalaparnat Iron Ore Mines	106.392	8-225/FCE dt.03.09.1998	18.020	10.21	7.810	0.00
40	M/s. Kaypee Enterprises, Thakurani Iron Ore Mines	228.04	8-154/97-FC- 02.11.1998	42.843	-	42.843	0.00
		228.04	8-154/97-FC(vol.II) 21.07.05	146.726	107.00	39.726	0.00
41	M/s. Serajudin & Co., Balda Block Iron Ore Mines.	335.594	8-119/96-FC- 11.12.1998	24.446	22.828	1.618	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
42	Mala Roy & Others, Jalahuri Iron Ore Mines	182.109	8-97/96-FC 21.1.1999	111.580	92.454	0.00	19.126
43	Dr. S. Pradhan, Balita Iron Ore Mines	34.75	8-278/FCE 03.01.2006	18.347	13.087	0.00	5.26
44	M/s. K. N. Ram & Co., Roida II Iron Ore Mines	74.867	8-112/1996-FC Dt 08.11.2010	63.429	36.499	0.00	26.930
45	Katasahi & Sidhamatha RF of M/S Rungta Sons Pvt. Ltd.	226.62	8-18/99-FC 02.6.2000	60.616	37.416	23.20	0.00
46	M/s. Rungta Mines Ltd., Jajang Iron & Manganese Ore Mines	669.35	8-88/98-FC 21.7.2000	44.70	22.10	22.60	0.00
47	M/s. Essel Mining & Industries Ltd., Jilling-Longalota Iron Ore Mines	456.10	8-49/98-FC 17.11.2000	75.489	46.360	0.00	29.129
48	M/s. Sarada Mines Pvt. Ltd., Thakurani-Block-B Iron Ore Mines	947.046	8-55/2000-FC 21.06.2001	865.276	771.252	94.024	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
49	KJS Ahluwalia, Nuagaon Iron Ore Mines	767.284	8-17/2001-FC 21.04.2004	371.192	276.297	94.895	0.00
50	R. P. Sao, Guali Iron Ore Mines	365.026	8-96/96-FC- 14.01.2005	42.417	0.00	0.00	42.417
			8-96/96-FC(pt.) dt. 06.09.2011	95.00	95.00	0.00	0.00
51	Kalinga Mining Corporation, Jurudi Manganese Ore Mines	54.754	8-255/FCE .29.04.2005	6.008	2.80	3.208	0.00
52	D. C. Jain, Dalpahar Iron Ore Mines	101.171	8-103/2000-FC 14.11.2005	16.464	0.00	0.00	16.464
53	Dr. S. Pradhan, Inganijharan Iron & Mn. Ore Mines	18.70	8-248/FC 20.06.2006	15.316	13.886	0.00	1.430
54	M/s. TISCO Ltd., Khandbandh Iron & Manganese Ore Mines.	978.0	8-98/2004-FC 09.08.2006	453.150	317.00	0.00	136.150
55	Dr. Sarojani Pradhan, Kalaparbat Iron Ore Mines	177.453	8-177/1997-FC 15.01.2007	52.002	52.002	0.00	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
56	M/s. TISCO Ltd., Bamebari Iron & Manganese Ore Mines	1150.55	8-72/2004-FC 25.01.2007	145.326	60.300	85.029	0.00
57	Indrani Pattnaik, Unchabali Iron Ore Mines	106.1127	8(21)40/2004-FCE 03.05.2007	35.275	35.275	0.00	0.00
58	M/s. TISCO Ltd., Joda-West Iron & Manganese Ore Mines	1437.719	8-89/04-FC 10.08.2007	436.678	250.00	186.678	0.00
59	M/s. O.M.C. Ltd., Gandamardan Iron Mines (Block 'B')	1590.8673	8-81/2005-FC 17.08.2007	232.438	159.9685	72.4695	0.00
60	Dr. Sarojani Pradhan, Sidhmatha Iron Ore Mines	94.259	8-100/2006-FC 26.07.2007	85.55	85.55	0.00	0.00
61	R.B.Das Dalpahar Iron & Manganese Ore Mines	7.90	8(21)3/01-FCE 15.10.2007	3.63	0.00	3.63	0.00
62	M/s.Mid East Int.Steel Ltd - Roida I Iron Ore Mines	104.68	8-106/2005-FC 19.02.2008	51.99	28.597	0.00	23.393
63	M/s.Kalinga Mining Corporation Jurudi Iron Ore Mines	73.228	8-99/2005-FC 19.03.2008	47.214	24.60	22.614	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
64	M/s Tata Steel Ltd. Guruda-Tiring Pahar Manganese ore Mines	643.71	8-80/2004-FC 28.03.2007	52.348	40.698	11.650	0.00
65	Tarini Prasad Mohanty Naibega Iron Ore Mines	48.117	5-ORC 029/06-FCE 19.09.2008	26.890	26.890	0.00	0.00
66	M/s Adhunik Mitaliks Ltd.Iron Mining - Mahadebnas	109.791	5-ORC 077/2007-FCE dt.23.11.2009.	19.370	9.690	9.680	0.00
67	K.C.Pradhan Nayagarh Iron Ore Mines	28.086	5-ORC 059/2007- FCE 06.06.2011	20.310	20.310	0.00	0.00
68	M/s. Gandhamardan Sponge Iron (P) Ltd. Putulpani Iron Mines	100.1632	8-55/1997-FC dt.01.08.2008	19.5197	0.00	19.5197	0.00
		110.1632	8-55/1997-FC dt.14.6.2011	66.2661	46.7464	19.5197	0.00
69	K.C PradhanChamakpur Iron Ore Mines	142.690	8-90/98-FC 14/15.02.2000	31.313	0.00	31.313	0.00

Sl. No.	Name of the Lease/Lessee	Total area of lease (ha)	Number and date of MoEF letter for diversion of forest land	Forest area diverted (ha)	Non-broken up forest area diverted (ha)	Broken up forest area diverted (ha)	
						Before 1980	After 1980 without FC
70	M/s. OMC Ltd. Daitari Iron Ore Mines.	190.20	8-164/99-FC-18.1.2000	95.60	0.00	0.00	95.6
			8-164/99-FC-27.01.2005	0.00	0.00	0.00	0.00
71	M/s G. S. Mishra & Sons Gorumahisani Iron ore mines District.	1435.30	8-41/2003-FC 13.07.2005	56.00	0.00	56.00	0.00
			8-41/2003-FC 10.10.2005	25.00	0.00	25.00	0.00
72	M/s Lal Trades & Agencies (P) Ltd. Badampahar Iron ore mines	130.62	8-11/2004-FC 14.06.2007	70.57	0.00	70.57	0.00
		130.62	8-11/2009-FC DT. 27.07.09.	117.84	0.00	117.84	0.00

Annexure: X**Details of mining leases which came under the then Deemed Refusal Provisions of Rule 24A of MCR, 1960 but TWP were given in violation of FC Act, 1980**

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
1	BD Patnaik, Kalaparbat-Iron ore mines (Revised area-25.663 hecets)	30.07.1989	Order No-14485, dated-26.12.1992 for six months from 26.12.1992. Order No-7604, dated-26.06.1993 for six months from 26.06.1993 . Order No-14727, dated-24.12.1993 for six months from 26.12.1993. Order No-8537, dated-23.06.1994 for six months from 26.06.1994	25.632
2	BPMEL - Dalki Mn. Mines (266.77 ha.)	30.09.1974	Working permission from 3.2.82 to 2.8.82 vide order No.2329 dt.3.2.82. Working permission from 3.8.82 to till grant vide order No.10051 dt.17.8.82. Working permission granted till renewal order No.7113 dt.16.7.84. 01.10.94 to till grant of RML order No.12568 dt.1.10.94	232.936

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
3	BP MEL - Thakurani Iron & Mn. Mines (1546.55 ha.) (File No-III(A)SM-07/2001)	30.09.1984	(1) TWP was granted vide letter No-10093, dt-29.09.84 from 01.10.84 till grant of 2nd renewal of ML . (2) TWP was granted vide letter No-7910, dt-27.06.85 till disposal of renewal of application .	402.899

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
4	Essel Mining & Industries Ltd. - Kasia Iron Ore & Dolomite Mines (194.196 ha.) (III(A)SM-02/2002)	13.09.1985.	(1) 14.03.86 to 13.09.86, order No-3841, dated-14.03.86 (2) 14.09.86 to 13.03.87, order No-10756, dt-04.09.,86. (3) 14.03.87 to 13.09.87, order No-3580, dt-13.03.87 (4) 14.09.87 to 13.03.88, order No-10893, dt-11.09.87 (5) 14.03.88 to 13.09.88, order No-2085, dt-11.03.88 (6) 14.09.88 to 13.03.89, order No-10006, dt-14.09.88 (7) 14.03.89 to 13.09.89, order No-2355, dt-13.03.89, (8) 14.09.89 to 13.03.90, order No-8787, dt-14.09.89 (9) 14.03.90 to 13.09.90 , order No-3065, dt-29.03.90 (10) 14.09.90 to 13.03.91, order No-9832, dt-30.08.90 (11) 14.03.91 to 13.09.91 , order No-2353, dt-11.03.91 (12) 14.09.91 to 13.03.92, order No-10801, dt-28.08.,91 (13) 14.03.92 to 13.09.92, order No-3024, dt-10.03.92 (14) 19.09.92 to 18.12.292, order No-11000. dt-19.09.92 (15) 19.12.92 to 18.05.93, order No-14452, dt-23.12.92 (16) 19.06.93 to 18.12.93, order No-7142, dt-10.06.93 (17) 19.12.93 to 18.06.94, order No-14425, dt-17.12.93. (18) 19.06.94 to 18.12.94, order No-8322, dt-14.06.94.	173.039

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
5	Kalinga Mining Corpn. - Jurudi Iron Ore Mines (12.691 ha.)	21.06.1993	i.16.08.94 to 15.11.94 vide order No.10658 dt.16.08.94 ii.16.11.94 to 15.02.95 vide order No.14016 dt.19.11.94	2.800
6	Kalinga Mining Corpn. - Jurudi Mn. Ore Mines (54.754 ha.)	21.06.1993	16.08.1994 to 15.11.1994 vide order No. 10658 dt. 16.08.1994. 16.11.1994 to 15 02. 1995 vide order No. 14020 dt. 19.11.1994.	6.313
7	K.N. Ram & Co. - Roida - II Iron Ore Mines (74.867 ha.)	02.09.1987	TWP granted vide letter No-5612/MG, dated-21.06.1989 for six months , letter No-6051/MG, dated-29.05.1990 for six months , letter No-10558/MG, dated-21.08.1991 for six months, letter No-2590/MG, dated-27.02.1992 for six months and letter No-11486/SM, dated-06.09.1994 for six months	71.035
8	M.G. Mohanty Gonua Iron / Mn. Mines (82.083 ha.)	29.11.91	i) 1.12.92 to 31.5.93 vide L. No.13480/SM dt.27.11.92 ii) 1.6.93 to 30.11.93 vide L. No.6736/SM dt.31.5.93 iii) 1.12.93 to 31.5.94 vide L. No.13706/SM dt.1.12.93 iv) 1.6.94 to 30.11.94 vide L. No.6060/SM dt.31.5.94	82.083 (excluding DLC)

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
9	Matadin Sarda - Khajurdihi Iron / Mn. Mines (119.545 ha.)	30.08.1987	31.08.1987 to 28.02.1988 vide L.No.11034/SM dt. 15.09.1987, 29.02.1988 to 28.08.1988 vide L.No.1887/SM dt.07.03.1988. 22.10.1988 to 21.04.1998 vide L. No 11442/SM dt.22.10.1988. 27.05.1989 to 26.11.1989 vide L. No.4708/SM dt. 27.05.1989. 27.11.1989 to 26.05.1990 vide L.No.478/SM dt.09.01.1990. 27.05.1990 to 26.11.1990 vide L.No.5941/SM dt.26.05.1990. 27.11.1990 to 26.05.1991 vide L. No.12732/SM dt.14.11.1990. 27.05.1991 to 26.11.1991 vide L. No. 6412/SM dt.17.05.1991. 27.11.1991 to 26.05.1992 vide L. No. 14025/SM dt.20.11.1991. 27.05.1992 to 26.11.1992 vide L. No.6108/SM dt.27.05.1992. 27.11.1992 to 26.05.1993 vide L. No.13410/SM dt.26.11.1992, 27.05.1993 to 26.11.1993 vide L. No.6781/SM dt.31.05.1993. 27.11.1993 to 26.05.1994 vide L. No.13719/SM dt.01.12.1993. 27.05.1994 to 26.11.1994 vide L. No.6047/SM dt.31.05.1994.	69.458

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
10	O.M.C. Ltd. - Kurmitar Iron Mines (1212.47 ha.)	28.04.85	Till final grant of 2nd RML vide letter No 1271 dated 28.01.86	1205.94
11	O.M.C. Ltd. - Gandhamardan Iron Ore Mines (Block A) (618.576 h a.) (File No-III (A) SM-11/2004)	20.6.93	TWP granted vide letter No-5676, dt-21.05.94 for six months. TWP granted vide letter No-13998, dt-19.11.94 for three months .	519.747
12	O.M.C. Ltd. - Dubna Mn. Mines (1322.998 ha.) (File No-III(A)SM-06/1999)	07.09.1991	TWP granted vide letter No-10573, dated-07.09.1992 from 08.09.1992 to 07.03.1993. Letter No-2481, dated-06.03.1993 from 08.03.1993 to 07.09.1993. Letter No-10187, dated-07.09.1993 from 08.09.1993 to 07.03.1994, Letter No-2392, dated-04.03.1994 from 08.03.1994 to 07.09.1994. Letter No-11482, dated-06.09.1984 from 08.09.1994 to 07.03.1995.	774.541

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
13	O.M.C. Ltd. - Sekradihi Iron Ore Mines (189.63 ha.) (File No-III(A)SM-10/1999)	27.12.1989	08.04.1991 to 07.10.1991 vide letter No-3812, dated-08.04.1991. Six months from 08.10.1991 or till grant of renewal of lease which is earlier vide letter No-14055, dated-22.11.1991	189.63
14	R.P. Sao - Chormalda Mn. Ore Mines (141.122 ha.)	30.11.1987	i) 01.12.1987 to 31 05. 1988 vide order No. 13549 dt. 28.11.1987. ii)25.01.1989 to 24.07.1989 vide order No. 816 dt. 25.01.1989. iii)25.07.1989 to 24.01.1990 vide order No. 7644 dt.16.08.1989. iv)25.01.1990 to 24.07.1990 vide order No.3674 dt. 10.04.1990. v)08.04.1991 to 07.10.1991 vide order No. 3826 dt. 08.04.1991. vi)20.11.1991 to 19.05.1991 vide order No. 14010 dt. 20.11.1991. vii)01.03.1994 to 31.08.1994 vide order No. 2200 dt. 01.03.1994. viii)01.09.1994 to 28. 02.1995 vide order No. 11472 dt. 06.09.1994.	134.849

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
15	R.P. Sao - Guali Iron Ore Mines (365.026 ha.) (File No- III(A)SM- 16/2012)	26.06.1993	TWP granted for six months from 27.06.1994 vide letter No-8771/SM, dated-27.06.1994.	268.117
16	SAIL - Bolani Iron & Mn. Mines - 6.90 Sq. miles (1586.36 ha.)	13.11.1982	(i) TWP was granted vide letter No-12716/MG, dated-08.11.1982 for six months from 13.11.1982. (ii) TWP granted vide letter No-5046/MG, dated-07.05.1983 from 13.05.1983 till final execution of lease deed	506.140

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
17	SAIL - Bolani Iron Ore Mines - 5.10 Sq. miles (1321.45 ha.)	10.04.1990	Order No-3801, dated-08.04.1991 for six months from 11.04.1991. Order No-12506, dated-04.10.1991 for one year from 11.10.1991. Order No-11439, dated-30.09.1992 for three months from 11.10.1992. Order No-489, dated-11.01.1993 for six months from 11.01.1993. Order No-8186, dated-12.07.1993 for two months from 11.07.1993. Order No-10269, dated-09.09.1993 for two months from 11.09.1993. Order No-13422, dated-20.11.1993 for two months from 11.11.1993. Order No-545, dated-15.01.1994 for six months from 11.01.1994. No-9257, dated-12.07.1994 for six months from 11.07.1994	1225.78

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
18	SAIL - Kalta Barsuan Iron Ore Mines (2486.383 ha.)	05.01.90	i) 05.01.1991 to 04.07.1991 vide L.No.13155/SM dt. 24.11.1990. ii) 05.07.1991 to 04.01.1992 vide L.No.7758/SM dt.29.06.1991. iii) 05.01.1992 to 04.07.1992 vide L. No 89/SM dt.02.01.1992. iv) 05.07.1992 to 04.10.1992 vide L. No.7849/SM dt. 04.07.1992. v) 05.10.1992 to 04.04.1993 vide L.No.11433/SM dt.30.09.1992. vi) 05.04.1993 to 04.10.1993 vide L.No.3556/SM dt.31.03.1993. vii) 05.10.1993 to 04.01.1994 vide L. No.11459/SM dt.11.10.1993. viii) 05.01.1994 to 04.04.1994 vide L.No.53/SM dt. 01.01.1994. ix) 05.04.1994 to 04.10.1994 vide L.No.3918/SM dt.07.04.1994. x) 05.10.1994 to 04.11.1994 vide L.No.12618/SM dt. 03.10.1994. xi) 05.11.1994 to 04.05.1995 vide L.No.13631/SM dt.09.11.1994.	1908.93

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
19	Dr. S. Pradhan - Inganijharan Iron & Mn. Ore Mines (18.7 ha.)	31.01.1984	Total 17 TWPs have been accorded by the State Govt. - Six months from 01.08.84 vide letter No-7682, dt-31.07.84. Six months from 01.02.85 vide letter No-3345, dt-19.03.85. Six months from 01.08.85 vide letter No-8831, dt-27.07.85. Six months from 01.02.86 vide letter No-674, dt-18.01.86. Six months from 01.08.86 vide letter No-9215, dt-05.08.86. Six months from 01.02.87 vide letter No-2939, dt-21.02.87. Six months from 01.08.87 vide letter No-10558, dt-03.09.87. Six months from 29.5.90 vide letter No.6064/29.5.90. Six months from 29.11.90 vide letter No-13158, dt-24.11.90. Six months from 29.05.91 vide letter No-6649, dt-28.05.91. Six months from 29.11.91 vide letter No-14194, dt-26.11.91. Six months from 29.05.92 vide letter No-6167, dt-28.05.92. Three months from 29.11.92 vide letter No-13407, dt-26.11.92. Three months from 01.03.93 vide letter No-2266, dt-02.03.93. Four months from 01.06.93 vide letter No-6778, dt-31.05.93. Three months from 1.10.93 vide order No.11334 dt.6.10.93. Six months from 01.01.94 vide letter No-15078, dt-31.12.93. Six months from 01.07.94 vide letter No-8826, dt-30.06.94. Six months from 01.07.94 vide letter No-8826, dt-30.06.94.	18.7

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
20	Dr. S. Pradhan - Balita Iron Mines (34.75 ha.)	31.01.1984	Total 17 TWPs have been accorded by the State Govt., Six months from 01.08.84 vide letter No-7682, dt-31.07.84. Six months from 01.02.85 vide letter No-3345, dt-19.03.85. Six months from 01.08.85 vide letter No-8831, dt-27.07.85. Six months from 01.02.86 vide letter No-674, dt-18.01.86, Six months from 01.08.86 vide letter No-9215, dt-05.08.86. Six months from 01.02.87 vide letter No-2939, dt-21.02.87. Six months from 01.08.87 vide letter No-10558, dt-03.09.87. Six months from 29.5.90 vide letter No.6064/29.5.90. Six months from 29.11.90 vide letter No-13158, dt-24.11.90. Six months from 29.05.91 vide letter No-6649, dt-28.05.91. Six months from 29.11.91 vide letter No-14194, dt-26.11.91. Six months from 29.05.92 vide letter No-6167, dt-28.05.92. Three months from 29.11.92 vide letter No-13407, dt-26.11.92. Three months from 01.03.93 vide letter No-2266, dt-02.03.93. Four months from 01.06.93 vide letter No-6778, dt-31.05.93. Three months from 1.10.93 vide order No.11334 dt.6.10.93. Six months from 01.01.94 vide letter No-15078, dt-31.12.93. Six months from 01.07.94 vide letter No-8826, dt-30.06.94.	23.315

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
21	TATA Steel Ltd. - Malda Mn. Mines (822.00 ha.)	12.08.1990	i) 13.08.1990 to 12.02.1991 vide L. No. 9214/SM dt. 17.08.1990, ii) 13.02.1991 to 12.08.1991 vide L. No. 1258/SM dt. 04.02.1991. iii) 13.08.1991 to 12.02.1992 vide L. No. 9398/SM dt. 02.08.1991, iv) 13.02.1992 to 12.08.1992 vide L. No. 1524/SM dt. 06.02.1992. v) 13.08.1992 to 12.11.1992 vide L. No. 9603/SM dt. 07.08.1992, vi) 13.11.1992 to 12.05.1993 vide L. No. 12894/SM dt. 12.11.1992, vii) 13.05.1993 to 12.11.1993 vide L. No. 5066/SM dt. 14.05.1993. viii) 13.11.1993 to 12.05.1994 vide L. No. 13136/SM dt. 11.11.1993. ix) 13.05.1994 to 12.11.1994 vide L. No. 5354/SM dt. 11.05.1994. x) 13.11.1994 to 12.02.1995 vide L. No. 14051/SM dt. 21.11.1994.	239.408
22	M.S. Deb. Inganijharan Iron & Mn. Mines (114.93 ha.)	19.11.1973 (1st RML not granted) 19.11.93 (2nd RML filed on 01.11.94)	(1) TWP was granted vide letter No-5388, dated-12.05.1994 for a period of six months from 12.05.1994. (2) TWP for three months from 12.11.1994 was granted vide letter No-14006, dated-19.11.1994	37.07

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
23	Bhanja Mineral (P) Ltd Inganijharan Iron & Mn. Ore Mines, (216.885 ha.) (III(A)SM-17/2000)	26.02.1993	Total three Temporary Working Permissions have been accorded by State Govt. (i) Three months from 27.02.1994 vide letter No-2084/SM, dt-26.02.1994 (ii) Three months from 27.05.1994 vide letter No-5708/SM, dt-23.05.1994 and (iii) Three months from 27.08.1994 vide letter No-11019/SM, dt-24.08.1994	160.425

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
24	B.I.Co. Ltd. - Nadidihi Iron & Mn. Mines (73.855 ha.)	10.12.87	i) 11.12.1987 to 10.06.1988 vide G.O. No. 14603/MG dt. 26.12.1987. ii) 11.12.1987 to 10.06.1988 vide G.O. No. 296/MG dt. 13.01.1988. iii) 11.06.1988 to 10.12.1988 vide G.O. No. 11206/MG dt. 13.10.1988. iv) 11.12.1988 to 10.06.1989 vide G.O. No. 5360/MG dt. 12.06.1989. v) 12.12.1989 to 11.06.1990 vide G.O. No. 3917/MG dt. 18.04.1990. vi) 12.06.1990 to 11.12.1990 vide G.O. No. 6619/MG dt. 11.06.1990. vii) 12.12.1990 to 11.06.1991 vide G.O. No. 13991/MG dt. 15.12.1990. viii) 12.06.1991 to 11.12.1991 vide G.O. No. 7679/MG dt. 26.06.1991. ix) 12.12.1991 to 11.06.1992 vide G.O. No. 15072/MG dt. 16.12.1991. x) 12.06.1992 to 11.12.1992 vide G.O. No. 6759/MG dt. 09.06.1992. xi) 12.12.1992 to 11.06.1993 vide G.O. No. 14131/MG dt. 11.12.1992. xii) 12.06.1993 to 11.12.1993 vide G.O. No. 7194/MG dt. 11.06.1993. xiii) 12.12.1993 to 11.06.1994 vide G.O. No. 14084/MG dt. 09.12.1993. xiv) 12.06.1994 to 11.08.1994 vide G.O. No. 8292/MG dt. 13.06.1994. xv) 12.08.1994 to 11.11.1994 vide G.O. No. 10781/MG dt. 18.08.1994. xvi) 12.11.1994 to 11.02.1995 vide G.O. No. 14040/MG dt. 21.11.1994	38.026

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
25	TATA Steel Ltd. - Manmora Mn. Mines (16.35 (671.093 ha. includes lease area of Joda East Iron Mine)	30.06.85	Order No-7767, dt-24.06.85 from 01.07.85 to till grant of RML	608.906
26	O.M.D.Co. - Kolha-Roida Iron & Manganese Mines (254.952 ha.)	30.09.1990	No-11389, dt-10.10.1990 for six months from 01.10.90. No-3226, dt-26.03.91 for six months from 01.04.91. No-11995, dt-24.09.91 for six months from 01.10.91. No-4049, dt-09.04.92 till 30.06.92. No-7640, dt-29.06.92 for six months from 01.07.92. No-14605, dt-30.12.92 for six months from 01.01.1993. No-7614, dt-26.06.93 for six months from 01.07.93. No-14613, dt-22.12.93 for six months from 01.01.94. No-8821, dt-29.06.94 for six months from 01.07.94	877.31

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
27	Mala Roy & Others - Jalhuri Iron Ore Mines (182.109 ha.)	15.05.1993	i.16.05.94 to 15.11.94 vide order No.5599 dt.19.05.94 ii.16.11.94 to 15.02.95 vide order No.14033 dt.19.11.94	128.326
28	Narayani Sons (P) Ltd. - Laupada Iron Ore Mines (141.336 ha.)	05.07.1990	i.06.07.91 to 05.01.92 vide order No.7886 dt.03.07.91 ii.06.01.92 to 05.07.92 vide order No.15357 dt.21.12.91 iii.06.01.92 to 05.01.93 vide order No.7784 dt.03.07.92	36.8173
29	O.M.D.Co. - Belkundi Iron & Mn. Mines (1276.79 ha.) (III(A)SM-10/1998)	15.08.1986	TWP granted vide letter No-9522, dated-13.08.1986 till final grant of renewal of ML.	448.276

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
30	O.M.D.Co. - Bagiaburu Iron Mines (21.52 ha.)	30.09.1990	(i) Order No-4529, dt-30.03.1982 for six months from 01.04.1982 (ii) Order No-11195, dt-22.09.1982 from 01.10.1982 until further orders No-11384, dt-10.10.90 for six months from 01.10.90, No-3230, dt-26.03.91 for six months from 01.04.91.No-11999, dt-24.09.91 for six months from 01.10.91, No-4053, dt-09.04.92 for three months from 01.04.92, No-7636, dt-29.06.92 for six months from 01.07.92 (iii) Order No-14613, dt-30.12.1992 for six months from 01.01.1993. Order No-7610, dt-26.06.1993 for six months from 01.07.1993. Order No-14623, dt-22.12.93 for six months from 01.01.1994 .No-8824, dt-29.06.94 for six months from 01.07.94	21.52

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
31	O.M.D.Co. - Bhadrasahi Iron & Mn. Mines (103.60 ha.)	1.10.80 and 30.09.1990	(i) Order No-4529, dt-30.03.1982 for six months from 01.04.1982. (ii) Order No-11195, dt-22.09.1982 from 01.10.1982 until further orders. No-11393, dt-10.10.1990 for six months from 01.10.1990. No-3221, dt-26.03.91 for six months from 01.04.91. No-12004, dt-24.09.91 for six months from 01.10.91, No-7632, dt-29.06.92 for six months from 01.07.92. No-8827, dt-29.06.94 for six months from 01.07.94. No-14620, dt-22.12.93 for six months from 01.01.94. No-7618, dt-26.06.93 for six months from 01.07.93. No-14609, dt-30.12.92 for six months from 01.01.93	877.31 (102.355)
32	P.K. Ahluwalia - Ganua Iron / Mn. Mines (Transferred from Smt. Maitri Sukla Ganua Iron & Mn. Ore.) (86.886 ha.)	05.10.90	i) 20.07.1991 to 19.01.1992 vide L.No.8412/SM dt. 20.07.1991. ii) 20.01.1992 to 19.07.1992 vide L.No.802/SM dt.20.01.1992. iii) 20.07.1992 to 19.01.1993 vide L. No 8659/SM dt.17.07.1992. iv) 20.01.1993 to 19.07.1993 vide L. No.774/SM dt. 20.01.1993. v) 20.07.1993 to 19.01.1994 vide L.No.8343/SM dt.15.07.1993. vi) 19.01.1994 to 18.07.1994 vide L.No.568/SM dt.17.01.1994. vii) 19.07.1994 to 18.01.1995 vide L. No.9531/SM dt.18.07.1994.	49.513

SL No	Name of the lessee & lease coming under the provision of deemed refusal	Date of expiry of lease period (before 27.09.1994)	Temporary Working Permission accorded by State Govt. under MMDR / MCR without prior approval under FCA	Forest land in lease during that period
33	Patnaik Minerals Pvt. Ltd. - Jaribahal (Palsa) Iron Ore Mines (106.533 ha.) (B.D. Patnaik, Ex-Lessee)	19.06.1988	Order No-5230, dt-07.06.1988 for six months from 20.06.88 to 19.12.88. No-13305, dt-07.12.88 for six months from 20.12.88 to 19.06.89.	3.893
34	T.B. Lal & Co. Kasia- Barapada Iron Ore Mines (77.5 ha.) (III(A)SM-09/1998)	01.12.1987	Six months from 02.12.1988 vide letter No-12947, dated-30.11.1988. Six months from 02.06.1989 vide letter No-7729, dated-18.08.1989. Six months from 12.04.1990 vide letter No-3773, dated-12.04.1990. Six months from 11.10.1990 vide letter No-11352, dated-09.10.1990.	37.912

Annexure- XI

The list of mining leases which were transfered under Rule 37 of MCR without obtaining prior approval under FC Act, 1980

Sr. No	Name of lease and Lessee	Area of lease (ha.)	Reserve Forest, Rev. Forest, Section 4, DLC. (ha.)	Transfer of lease deed date	Prior approval under FCA Yes / NO
1	M/s Kusheleswara Minerals - Kalaparbat Iron Ore Mines	9.814	9.813 0 0 0	12.05.1992	NO
2	M/s Tarini Minerals Pvt.Ltd. Jurudi-Jajang Iron & Manganese Ore Mines	66.368	0 66.368 0 0	06.09.1995	NO
3	S.D.Sharma - Raika Iron & Manganese Ore Mines	26.243	0 14.217 0 0	25.06.1985	NO
4	M/s Pattnaik Minerals Pvt.Ltd - Joribahal Iron Ore Mines	106.53	0 3.893 0 95.209	13.11.1990	NO
5	M/s Tarini Minerals Pvt.LTD. Deojhar Iron Ore Mines	34.365	34.365 0 0 0	01.09.1995	NO
6	R.P.Sao - Guali Iron Ore Mines	365.03	57.579 210.538 0 0	15.11.1986	NO
7	R.P. Sao - Chormalda Manganese Ore Mines	141.12	128.698 6.151 0 0	15.11.1986	NO

Sr. No	Name of lease and Lessee	Area of lease (ha.)	Reserve Forest, Rev. Forest, Section 4, DLC. (ha.)	Transfer of lease deed date	Prior approval under FCA Yes / NO
8	M/s Tarini Minerals - Tehrai Iron/Mn. Mines	29.076	0 0.461 0 5.856	14.05.1992	NO
9	M/s Zenith Mining Pvt. Ltd Ganua Iron/Mn. Mines	129.18	0 0 0 94.864	13.08.1998	NO
10	Matadin Sarda Khajuridiha Iron/Mn. Mines	119.54	86.344 0 0 0	24.08.1986	NO
11	Sri Pawan Kumar Ahluwalia Ganua Iron/Mn. Mines	86.886	0 49.513 0 27.369	28.04.2000	NO
12	M/s. Korp Resources Pvt. Ltd. Tantra iron Ore Mines	72.56	0 8.984 0 63.435	17.02.2004	NO
13	M/s.National Enterprises Raikela iron Ore Mines	45.932	0 43.876 0 0	18.07.1985	NO
14	M/s Penguin trading & agencies Raikela iron ore Mines	49.372	0 7.846 0 40.786	23.06.1991	NO
15	AXL Exploration Pvt. Ltd Bhutuda Mn. Mines	40.469	40.469 0 0 0	13.03.2003	NO

Sr. No	Name of lease and Lessee	Area of lease (ha.)	Reserve Forest, Rev. Forest, Section 4, DLC. (ha.)	Transfer of lease deed date	Prior approval under FCA Yes / NO
16	M.R.Das Deojhar Iron Ore Mines (Jaganath minerals)	11.538	1.360 0 0 0	09.05.2001	NO
17	M/s BPMEL Dalki Manganese Ore Mines	266.77	232.936 0 0 0	16.07.1984	NO
18	M/s Kaypee Enterprises Thakurani Iron Ore Mines	228.04	228.04 0 0 0	22.02.1986	NO
19	M/s.Mid East Int.Steel Ltd Roida I Iron Ore Mines	104.68	104.68 0 0 0	31.10.1996	NO

Annexure- XII

The list of mining leases operated in contravention of stipulated environmental condition under FCA 1980

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
1	M/s. B. I. Co. Ltd., Nadidih Iron/Mn. Mines	The approval under the forest (Conservation) Act, 1980 is subject to the clearance under the Environmental Protection Act, 1986	8-108/96-FC dated. 17.04.2003	J-11015/138/2007-IA-II (M) dated. 02.04.2008	2003-04 0 2004-05 160681 2005-06 545220 2006-07 1395750 2007-08 1423509	3525160
2	M/s. O.M.C. Ltd., Daitari Iron Ore Mines	The approval under the forest (Conservation) Act, 1980 is subject to the clearance under the Environmental Protection Act, 1986 and renewal of mining lease under MMDR Act, 1957	8-164/97-FC dated. 18.01.2000	J-11015/1003/2007-IA-II (M) dated. 22.09.2010	2001-02 667891 2002-03 861074 2003-04 896980 2004-05 1101048 2005-06 1343235 2006-07 1917963 2007-08 736548 2008-09 1593553 2009-10 1652348 2010-11 787799	11558439

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
3	M/s. O.M.C. Ltd., Kurmitar Iron Mines	The approval under the forest (Conservation) Act, 1980 is subject to the clearance under the Environmental Protection Act, 1986, if required	8-113/2000-FC dated. 26.12.2003	J-11015/1080/2007.IA-II (M) dated. 02.09.2008	2002-03 00 2003-04 19303 2004-05 236560 2005-06 355070 2006-07 1459256 2007-08 2000612 2008-09 2399911	6470712
4	Gandhamardan Sponge Industries (P) Ltd., Putulpani Iron Mines	The period of permission under forest (Conversatioin) Act, 1980 will be for 20 years from date of issue of this letter subject to enviornmental clearance under the enviornment (Protection) Act, 1986,	8-55/97-FC 2314-N dated. 29.06.2001	J-11015/294/2006.IA-II (M) dated. 24.08.2007	2000-01 28200 2001-02 3396 2002-03 94230 2003-04 265922 2004-05 221451 2005-06 413650 2006-07 902690 2007-08 1059044	2988583

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
5	K. C. Pradhan, Chamakpur Iron Ore Mines	The approval under the forest (Conservation) Act, 1980 is subject to the clearance under the Environmental Protection Act, 1986, and renewal of mining lease under MMDR Act, 1957	8-90/98-FC dated. 14/15.02.2000	EC OBTAINED BY ODISHA SEIAA-257/10 dated. 25.03.2011	2002-03 17335 2003-04 24093 2004-05 44169 2005-06 30268 2006-07 35491 2007-08 37039 2008-09 53170 2009-10 841153 2010-11 40161	1122879
6	M/s. K. N. Ram & Co., Roida II Iron Ore Mines	The approval under the forest (Conservation) Act, 1980 is subject to the clearance under the Environmental Protection Act, 1986	8-112/96-FC dated. 09.09.1999	J-11015/633/2007-IA-II (M) dated. 05.03.2008	1999-00 9828 2000-01 11739 2001-02 11451 2002-03 9915 2003-04 44764 2004-05 121105 2005-06 546579 2006-07 1044234 2007-08 1185441	2985056

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
7	K.J.S. Ahluwalia Nuagaon Iron Ore Mines	The approval under the forest (Conservation) Act,1980 is subject to the clearance under the Enviornmental Protection Act,1986, if applicable.	8-17/2001-FC dated. 22.04.2004	J-11015/6/2007-IA-II (M) dated. 29.11.2007	2004-05 794964 2005-06 765958 2006-07 2106731 2007-08 3731003	7398656
8	M/s. A.M.T.C. (P) Ltd., Mahulsukha Mn. Mines	The approval under the forest (Conservation) Act,1980 is subject to the clearance under the Enviornmental Protection Act,1986	8-23/98/FC dated. 04.04.2000	J-11015/412/2005.IA-II (M) dated. 05.04.2007	0	0

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
9	Mala Roy & Others, Jalahuri Iron Ore Mines	The approval under the forest (Conservation) Act,1980 is subject to the clearance under the Enviornmental Protection Act,1986	8-97/96-FCE dated. 21.01.1999	J-11015/335/2006. IA-II (M) dated. 08.05.2008	1999-00 31568 2000-01 31278 2001-02 2596 2002-03 23460 2003-04 200544 2004-05 588286 2005-06 285511 2006-07 512241 2007-08 957460	2375944
10	M/s Rungta Mines Ltd Kanthar Koira Mn Mines	The approval under the forest (Conservation) Act,1980 is subject to the clearance under the Enviornmental Protection Act,1986	8-107/2000-FC dated. 31.03.2003	J-11015/699/2007.IA-II (M) dated. 02.01.2009	2003-04 00 2004-05 405.708 2005-06 573.106 2006-07 205.850 2007-08 3597.123 2008-09 10446.619	15228.406

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
11	M/s Rungta Mines Ltd Jajang Iron & Manganese Ore Mines	The approval under the forest (Conservation) Act, 1980 is subject to the clearance under the Enviornmental Protection Act, 1986	8-88/98-FC dated. 21.07.2000	J-11015/136/2005. IA-II (M) dated. 14.06.2005	2000-01 799279 2001-02 1095470 2002-03 1514121 2003-04 1406157 2004-05 4889268 2005-06 3993534	13697829
12	M/s Rungta Sons (P) Ltd Katasahi Manganese Ore Mines	The approval under the forest (Conservation) Act, 1980 is subject to the clearance under the Enviornmental Protection Act, 1986	8-18/99-FC dated. 02.06.2000	J-11015/588/2007. IA-II (M) dated. 16.01.2009	2000-01 1375 2001-02 3748 2002-03 3472 2003-04 510.774 2004-05 8589.788 2005-06 3080.230 2006-07 628.502 2007-08 5927.700 2008-09 9650.800	36982.794

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
13	M/s. Bharat Process & Mechanical Engineers Ltd. (BPMEL), Dalki Manganese Ore Mines	This approval is subject to environmental clearance.	8-93/96 FC dated. 03.08.1998	NO EC	1998-99 1825 1999-00 41005 2000-01 41005 2001-02 26205 2002-03 15995 2003-04 3800 2004-05 1845 2005-06 4205 2006-07 200 2007-08 200 2008-09 00 2009-10 00 2010-11 00 2011-12 00	136285
14	M/s. Essel Mining & Industries Ltd., Kasia Iron Ore, Dolomite & Limestone Mines (134.733 ha.)	The environmental clearance shall be obtained by the User Agency if applicable	8-95/96 FC dated. 27.05.2004	J-11015/195/ 2005-IA-II (M) dated. 16.06.2006	2004-05 2777700 2005-06 3548705 2006-07 2899638	9226043

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
15	M/s. Feegrade & Co. Ltd., Nadidiha Iron/ Mn. Mines	The User Agency shall obtain environmental clearance under provision of EIA Notification issued under Enviornmental (Protection) Act, before starting any work	8(21) 26/2003 FCE dated. 16.03.2006	J-11015/605/ 2007-IA-II (M) dated. 20.02.2009	2006-07 1118170 2007-08 997781 2008-09 971659 2009-10 2122334	5209944
16	M/s. Jindal Steel & Power Ltd., TRB Iron Ore Mines	This approval is subject to clearanmce of the project under environmental (protection)Act,1986	8-63/95-FC dated. 06.05.1998	J-62/11015/62/ 2005 .IA-II (M) dated. 29.09.2005 and J-11015/1154/ 2007-IA-II (M) dated. 17.03.2009	1997-98 351869 1998-99 305034 1999-00 459549 2000-01 558603 2001-02 715271 2002-03 1002029 2003-04 1366578 2004-05 2031795 2005-06 1835375 2006-07 2059319 2007-08 2271650 2008-09 2205780	15162852

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
17	M/s. Rungta Sons (P) Ltd., Oraghat Iron Ore Mines	Enviornmental Clearance shall be obtained by the User agency as per provision of EIA Notification issued under Enviornmental (Protection) Act. And Rule applicable	8(21)5/2000 FCE dated. 04.05.2006	J-11015/23/2007-IA-II (M) dated. 27.09.2007	2006-07 1854143 2007-08 1349276	3203419
18	J. N. Patnaik, Bhanjapali Iron Ore Mines	The User Agency shall obtain environmental clearance under provision of EIA Notification issued under Enviornmental (Protection) Act,	8(21)42/2004 FCE dated. 05.06.2008	NO EC	2008-09 172477 2009-10 229703 2010-11 115487 2011-12 00	517667

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
19	A.M.T.C. (P) Ltd., Narayanposi Iron/Mn. Mines	The period of permission under Forest (Conversatioin) Act, 1980 will be for 20 years from date of issue of this letter subject to enviornmental clearance under the enviornment (Protection) Act, 1986, if applicable	8-34/2000/ FC dated. 29.06.2001	J-11015/288/ 2008-IA-II (M) dated. 21.02.2011	2001-02 16654 2002-03 17600 2003-04 51710 2004-05 66381 2005-06 84637 2006-07 174403 2007-08 267465 2008-09 1976464 2009-10 1100630	3755944
20	Dr. S Pradhan Balita Iron Ore Mines	The User Agency shall obtain environmental clearance under provision of EIA Notification issued under Enviornmental (Protection) Act, before starting any work	8-278/FCE/ dated. 03.01.2006	J-11015/103/ 2007-IA-II (M) dated. 17.01.2008	2005-06 548821 2006-07 392731 2007-08 313467	1255019

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
21	Dr. S. Pradhan, Inganijharan Iron & Mn. Ore Mines	The User Agency shall obtain environmental clearance under provision of EIA Notification issued under Enviornmental (Protection) Act, before starting any work	8-248/FCE dated. 20.06.2006	J-11015/413/ 2006-IA-II (M) dated. 24.08.2007	2006-07 233766 2007-08 26113	259879
22	M/s Sarada Mines (P) Ltd Thakurani-Block-B Iron Ore Mines	The period of permission under the forest (conservation)Act, 1980 will be for 20 years subject to enviornmental clearanace under the Enviornmental (protection) Act, 1986	8-55/2000-FC dated. 21.06.2001	J-11015/05/ 2003.IA-II (M) dated. 22.09.2004	2001-02 366623 2002-03 1643698 2003-04 2492920	4503241

Sr No	Name of the lessees and leases	Stipulations of condition under the approval of Forest (Condition) Act, 1980	MoEF Order No. and Date of Approval	No. and Date of approval under EIA Notification	Actual Production during the said period (MT) (as submitted by DMG)	Illegal Production
23	M/s. Lal Trades & Agencies, Badampahar Iron Ore Mines	The approval under the FCA 1980 is subject to the clearance under the Environmental protection act 1986 and all other rules/regulations applicable to such project.	8-11/2004-FC dated. 27.07.2009	J-11015/1180/2007.IA-II (M) dated. 09.04.2010	2009-10 1525	1525
24	M/s. Bharat Process & Mechanical Engineers Ltd. (BPMEL), Bhadrasahi Iron & Manganese Ore Mines	The user will obtain EC before the forest land is diverted to them.	8-92/97-FC dated. 10.06.1998	NO EC	1998-99 201859 1999-00 395220 2000-01 532800 2001-02 829590 2002-03 504920 2003-04 377500 2004-05 842000 2005-06 555400 2006-07 533461 2007-08 616310 2008-09 11300 2009-10 3700	5404060

Annexure: XIII

List of mining leases which were recommended to GoI for grant of ML in relaxation of Rule 59 read with Rule 27(3) of MCR, 1960:

(As per Information from Steel & Mines department: letter no. 8336/ SM / Bhubaneshwar, dated 23/11/2012)

**List of applicants recommended for grant of mining lease of Iron & Manganese ores by Government of Odisha
from 01.01.2000 to 19.10.2012**

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No. of Applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y/N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General Area) Whether notification issued for calling applications Yes / No. If Yes, No. & Date	Whether Applicant holding prospecting licenses, If Yes, Details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
1	2	3	4	5	6	7	8	9	10	11
1	S.N. Das Mohapatra, Katasahi, Kolha Rudukela of Keonjhar District	ML Application dated 26.08.96	U/s 5(2), 8(1) & 11 of MMDR Act	Yes	Yes	Notification No. 8737 dated 25.07.91	No	Recommendation was made vide letter no. 3802 dated 18.04.2000 of MMDR Act.	-

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No. of Applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y/N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General Area) Whether notification issued for calling applications Yes / No. If Yes, No. & Date	Whether Applicant holding prospecting licenses, If Yes, Details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
2	Jitendranath Pattanaik, Unchabali, Nayaparth, Jalpaosi of Keonjhar Dist.	ML application No 629, dated- 04.09.1995	17	Under Section 11(5) of MMDR Act	Yes	Yes	Notification No 10629/SM, dated- 23.08.1991 w.e.f. 29.10.1991.	No	Recommendation was made vide letter No.7949/S M, dated- 27.06.2001 and 1 letter No- 980/SM, dated- 29.01.2003 under Section 11(5) of MMDR Act.	Approval of Gol was received vide their letter dated. 24.10.2003. Grant order not issued vide proceeding No.-18/S M, dated. 4.1.2005. Over 57.500 hecs.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No. of Applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y/N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General Area) Whether notification issued for calling applications Yes / No. If Yes, No. & Date	Whether Applicant holding prospecting licenses, If Yes, Details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
3	Orissa Sponge Iron Ltd Kadakala, Keonjhar	ML application No.545, dated- 29.10.1991	43	Under Section 11(2), 5(2) and 8(1) of MMDR Act, 1957.	No	Yes	Thrown open for re-grant vide Govt. Notification No 10629, dated- 23.08.1991	Prospected by GSI from 1963 to 1968.	Recommended vide letter No- 6099/SM, dated- 27.06.2002 under Section- 11 (2) of MMDR Act, 1957.	Approval of GoI was received vide their letter dated. 17.7.2002 Terms and Conditions issued vide letter no. 7546/sm dated 27.9.2004 . Grant order not issued.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No. of Applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y/N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General Area) Whether notification issued for calling applications Yes / No. If Yes, No. & Date	Whether Applicant holding prospecting licenses, If Yes, Details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
4	Deepak Mineral Industries (P) Ltd Khandbandh , Keonjhar	ML application No. 796, dated- 21.06.2002	Section 11 (5) of MMDR Act, 1957 and relaxation of the provision of Rule 59 (1) with Rule 27 (3) of MCR, 1960.	Yes	No	No	No	Recommendation was made vide letter No.16268/ SM, dated 08.11.2006 under Section 11 (5) of MMDR Act, 1957 and Rule 59 (2) with Rule 27 (3) of MCR, 1960.	Approval of GoI was received vide their letter dated. 13.4.2007 . Terms and Conditions issued vide letter no. 7185/sm dated. 28.7.2007 . Grant order not issued.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No. of Applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y/N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General Area) Whether notification issued for calling applications Yes / No. If Yes, No. & Date	Whether Applicant holding prospecting licenses, If Yes, Details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
5	Neepaz Metaliks (P) Ltd (Adhunik Metaliks Ltd) Deojhar, Keonjhar	ML application dated 26.05.2003	U/r.11(5) read with Rule 27(3) of MCR 1960 and in relaxation of provision of Rule 59(1)	Under Section 11(5) of MMDR Act in relaxation of provision of Rule 59(1)	Yes	No	No	No	The State Government have recommended vide letter No.3244/SM, dated- 09.02.2006 in relaxation of Rule 59(1) along with the special conditions under Rule 27(3) of MCR, 1960 i.e. value addition in the State of Odisha.	Approval of GoI was received vide their letter dated. 1/6/2006 in favour of Neepaz Metallicks Ltd.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No. of Applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y/N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General Area) Whether notification issued for calling applications Yes / No. If Yes, No. & Date	Whether Applicant holding prospecting licenses, If Yes, Details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
6	OCL India Ltd Kundaposi, Keonjhar	ML application No. 795, dated- 20.06.2002	2	Under Section 11(2) of MMDR Act in relaxation of provision under Rule 59 (1) & 27 (3) of MCR, 1960	Yes	No	No	No	Recommendation was made vide letter No.5198/S M, dated 08.07.2008 under Rule 59 (1) & 27 (3) of MCR, 1960 invoking the Section 11 (2) of MMDR Act	Approval of GoI was received vide their letter dated. 29.9.2008 . Terms and Conditions issued vide letter no. 8556/sm dated 23.12.2008. Grant order not issued.

Sl. No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No. of Applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y/N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General Area) Whether notification issued for calling applications Yes / No. If Yes, No. & Date	Whether Applicant holding prospecting licenses, If Yes, Details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
7	SMC Power Generation Ltd	ML application No 1447, dated- 18.03.2006	28	Under Section 11 (5) of MMDR Act, 1957 and on relaxation of provision of Rule 59 (1) of MCR, 1960 and special condition under Rule 27(3).	Yes	No	No	No	Recommendation was made vide letter No- 16269/SM, dated 08.11.2006, No- 5239/SM, dated- 13.06.2007, No- 7524/SM, dated- 03.11.2008 and No 7910/SM, dated 08.12.2009 under Section- 5 (1) & 11 (5) of MMDR Act, 1957 and Rule 27 (3) & 59 (1) of MCR, 1960.	Approval of Gol was received vide their letter dated. 7.4.2010/ 4/2007. Terms and Condition s issued vide letter no. 4469/sm dated. 16.7.2010 . The company has signed MoU on 26.12.2003.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No. of Applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y/N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General Area) Whether notification issued for calling applications Yes / No. If Yes, No. & Date	Whether Applicant holding prospecting licenses, If Yes, Details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
8	Sree Metaliks Ltd Khandbandh Keonjhar	ML application No788, dated-05.06.2002	3	Under Section-11(5) of MMDR Act and on relaxation of Rule 59 (1) & 27 (3) of MCR, 1960	Yes	No	No	No	The State Government have recommended for grant vide letter No 16267/SM, dated 8.11.2006 under Section-5(1) & 11(5) of MMDR Act and Rule 59 (1) & 27 (3) of MCR, 1960.	Approval of GoI was received vide their letter dated. 13.4.2007 over 35.774 hecets. For 30 years. Grant order not issued.

Annexure: XIV

List of mining leases where in prospecting license was given without approval under FCA, 1980 and in violation of Rule 4, 7 and 8 of MCDR, 1988:

1. Steel & Mines Department's Letter No. 8336/ SM / Bhubaneshwar, dated 23/11/2012.
2. IBM, Nagpur Letter No. 201(C)/INDIA/ML/ME(I)/2013 dated 22/05/2013.
3. PCCF, Orissa Letter No. 7905/9F(Misc.)-160/2011 dated 07/06/2013.

List of applicants recommended for grant of mining lease of Iron & Manganese ores by Government of Odisha from 01.01.2000 to 19.10.2012										
SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
1	Sri Mitter Sen, Katasahi Kolha, Rudukela of Keonjhar District	ML No.781 dated 22.03.2002	The applicant was the PL holder	Under Section 11 (1) of MMDR Act.	Yes	No	No	Yes	Recommendation was made vide letter No.10645 dated 21.10.2003 u/s 5(1) and 11(1) of MMDR Act.	-

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
2	S.A. Halim, Oraghat, Sundargarh District	ML No. 1138 dated 08.10.1999	The applicant was the PL holder w.e.f 8.12.97	Under Section 11 (1) of MMDR Act.	Yes	No	No	Yes	Recommendation was made vide letter no.906 dated 17.01.2001 u/s 5(1) & 11(1) of MMDR Act.	-
3	Bibhudatta Sahoo	ML application dated- 15.03.2001	ML applicant was the PL holder for two years from 15.9.2000	Under Section 11 (1) of MMDR Act	Yes	No	No	Yes	Recommendation was made vide letter No.9817/SM, dated 4.8.2001 under Section 11 (1) of MMDR Act	Approval of GoI not received.

Sl. No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
4	Dhananjay Ku Dagara Mayurbeka, Mayurbhanj	ML No- 974, dated- 26.03.2001	ML applicant was the PL holder for two years from 17.12.99	U/s.11(1) of MMDR Act	Yes	No	No	Yes	Recommendation was made vide letter No.9812/S M, dated 03.08.2001 under Section 5 (1) and 11 (1) of MMDR Act	Approval of Govt not received.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
5	KC Pradhan, Nayagarh, Keonjhar	ML application dated- 09.11.2000	Applicant was the PL holder for two years from 31.7.2000	Under section 11(1) of MMDR act	Yes	No	No	Yes	Recommendation was made vide letter No9766/SM dated 22.09.2003 under Section 5(1) & 11(1) of MMDR Act.	Approval of GoI was received vide their letter dated. 5.12.2003 . Terms and Conditions issued vide letter no. 234/sm dated. 08.1.2004 . Grant order not issued.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
6	OMC Ltd Kundrapani, Keonjhar	ML application No.674, dated- 25.08.1997	OMC was the PL holder w.e.f. 28.8.93	Under Section 11(1) of MMDR Act.	Yes	No	No	Yes	The State Government have recommended vide letter No.8290/SM, dated- 30.05.2006 for grant on relaxation of provisions of section 6 (1)(b) and 11(1) of MMDR Act	Approval of GoI was received vide their letter dated. 6.11.2007 over 416.835 Hects. . Terms and Conditions issued vide letter no. 10141/s m dated. 12.12.07. Grant order not issued.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
7	Prakash Industries Ltd Keonjhar	ML application dated- 14.03.2005	The applicant was the PL holder w.e.f. 6.7.04	Under Section- 11(1) of MMDR Act	Yes	No	No	Yes	The State Government have recommended to GoI vide letter No. 01/SM, dated 02.01.09 under Section- 11 (1) of MMDR Act, 1957 along with the special conditions under Rule 27 (3) of MCR, 1960.	Approval of GoI was received vide their letter dated. 17.6.2009 over 19.532 hecsts.. Terms and Conditions issued vide letter no. 47/sm dated. 7.01.2010 . Grant order not issued.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
8	Subhamayee Chatarjee Rugudihi, Keonjhar	ML application dated- 08.07.1992	The PL holder was the father of the applicant w.e.f. 10.03.59	Under Section- 5 (1) & 11(1) of MMDR Act, 1957.	Yes	No	No	Yes	Recommendation was made vide letter No.14092/ SM, dated 13.11.2000 under Section- 11(1) of MMDR Act.	Approval of GoI was received vide their letter dated. 28.3.2001 . Grant order issued vide proceeding no. 746/SM dated. 22.1.2003

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
9	T.P. Mohanty Naibega, Katapali, Keonjhar	ML application dt.25.11.98	ML Applicant was the PL holder	Under Section 5(1) and 11(1) of MMDR Act, 1957	Yes	No	No	Yes	Recommended vide Letter No. 7634 dt.9.8.2002, under Section 11(1) of MMDR Act	Approval of GoI was received vide their letter dated. 9.10.2002 . Grant order issued vide proceedin g no. 238/SM dated. 17.11.09.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
10	M/s National Enterprises, Adaghat, Sundargarh	ML No. 1165 dated 24.02.97	The Applicant was the PL holder for two years from 04.02.96.	Under Section 11(1) of MMDR Act.	No	No	No	Yes	Recommendation was made vide letter no. 2765 dated 14.03.2000 under section 11(1) of MMDR Act.	Approval of GoI was received vide their letter dated. 4.10.2000 . Terms and Condition s issued vide letter no. 12730 dated. 20.10.2000

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
11	Shri B.C. Dagara, Gonua & Mandajoda, Sundargarh	ML No. 1072 dated 24.06.94	The Applicant was the PL holder for two years from 09.07.92	Under Section 11(1) of MMDR Act.	No	No	No	Yes	Recommendation was made vide letter no. 3271 dated 28.03.2000 u/s 5(1) & 11(1) of MMDR Act.	Approval of GoI was received vide their letter dated. 10.7.2000 .Lease executed 24.4.2005

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
12	Shri Nitish Kumar Paul, Teherai, Sundagarh	ML no. 1062 dated 15.07.93	The Applicant was the PL holder for two years from 17.07.91.	Under Section 11(1) of MMDR Act.	No	No	No	Yes	Recommendation was made vide letter no. 4941 dated 11.05.2000 u/s 5(1) & 11(1) of MMDR Act.	Approval of GoI was received vide their letter dated. 2.11.2000 . Terms and Conditions issued vide letter no. 14569 dated. 23.11.2000 0

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
13	M/s M.G. Mohanty, Patabeda, Sundargarh	ML no. 1167 dated 04.12.2000	The Applicant was the PL holder for two years from 11.12.98	Under Section 11(1) of MMDR Act.	No	No	No	Yes	Recommendation was made vide letter no. 7164 dated 06.06.2001 u/s. 5(1) & 11(1) of MMDR Act.	Approval of GoI was received vide their letter dated. 26.9.2001 Lease executed 8.3.2006.
14	M/s M.G.M. Minerals Ltd. Patabeda, Sundargarh	ML no. 1161 dated 23.10.2000	The Applicant was the PL holder for two years w.e.f. 27.10.98	Under Section 11(1) of MMDR Act.	No	No	No	Yes	Recommendation was made vide letter no. 7163 dated 06.06.2001 u/s 5(1) & 11(1) of MMDR Act.	Approval of GoI was received vide their letter dated. 26.9.2001 .Lease executed 8.3.2006.

SL No	Name of the Company / Firms / Individuals / Others	When the application received (date)	Total No of applications received for the area	Mode of selection adopted	Whether the area applied was earlier a lease hold area (Y / N)	If Yes (Column 6) whether notified under Rule 59 of MCR	(For General area) Whether notification issued for calling applications, Yes / No. If Yes, No & Date	Whether applicant holding prospecting licenses if Yes details	Under which Section of MMDR Act, 1957 recommendation made	Remarks
15	Shri Jitendranath Pattanaik, Bhanjapali, Sundargarh	ML no. 1077 dated 18.01.1995	The Applicant was the PL holder for two years from 25.8.92.	Under Section 11(1) of MMDR Act.	No	No	No	Yes	Recommendation was made vide letter no. 7948 dated 27.06.2001 u/s 5(1) & 11(1) of MMDR Act	Approval of GoI was received vide their letter dated. 19.12.2001. Terms and Conditions issued vide letter no. 14157 dated. 31.12.2001.

RECOMMENDATIONS**IN****CHAPTER: IV****Mining of iron and manganese ores in forest area and eco-fragile zone in State of Odisha****1. Forest Conservation**

Various violations with regard to Forest (Conservation) Act, 1980 have already been detailed out in the analysis carried out and reported in this Chapter. The individual cases of FC violations would be dealt in the subsequent report.

- 2.** With regard to all such cases wherein iron and manganese ores were extracted from various leases which did not have FC clearance, these extractions have been considered as illegal and without lawful authority since the lessees were not entitled to carry out mining during this period. The cost equivalent to market value (domestic or export whichever is applicable) should be recovered under Section 21(5) of MM(DR) Act, 1957 from the concerned lessees after following due process of law.

Further, the provisions of the FCA with regard to punishment for the offence of mining in the forest area, require to be suitably amended to make it

deterrent. At present, the provisions prescribe **fly bite** punishment. As such, illegal mining in a forest area not only amounts to trespass and theft of minerals but also it disturbs the ecosystem. Therefore, mining in a forest area without approval should be made punishable with imprisonment for a period not less than six months but which may extend to seven years and shall also be liable to pay fine in proportion to amount of illegal mining. The offence would be held to be cognizable offence. Such cases should also be tried by the Special Courts, constituted for trying such offences so that result would be fast and would have deterrent effect not only to the accused persons who are prosecuted but also to others.

3. It has been observed that during the deemed extension period, iron and manganese ores were extracted from the many mines which had no FC clearance. The iron and manganese ores extracted from these mines (**Annexures: III & III/A**) without FC during the deemed extension period is considered as extraction without lawful authority. The cost equivalent to market value (domestic or export whichever is applicable) should be recovered under Section 21(5) of MM(DR) Act, 1957 from the concerned lessees after following due process of law.

4. In cases where even after grant of approval by the MoEF for FC and EC, the officers of the State Government had not decided or initiated the renewal applications under MM(DR) Act, 1957 and the Rules framed there under, responsibility should be fixed on the erring officials. Unless this is done one cannot expect discipline and control in administration.
5. The State Government should take action as per law against all the officers of district level belonging to Mines, Forest and Revenue Departments as well as Odisha State Pollution Control Board who are responsible for regulating and administering the leases and who have allowed the lessees to operate the mines illegally during the deemed extension period or otherwise, without obtaining statutory approvals (FC, EC and consent to operate, by OSPCB and others) for their omissions, commissions and misconduct. This could be out of collusion with lessee or neglect towards duty or inefficiency of personnel at the realm of affairs. They must make good the loss to public exchequer and environment. By allowing lessees to operate the mines without approvals, it is construed that undue favour has been extended by the officers and thereby allowing undue gain to lessees. Hence, time bound exercise should be taken up under the

chairmanship of Chief Secretary to take action as per law against them.

- 6.** In all such cases where forest land is involved, there is also need to take action as per the provisions of Sections 3A and/or 3B of Forest (Conservation) Act, 1980 for the violation of Sections 2(ii) and 2(iii) of the Act against the lessee.

Further, action should be taken against the concerned officers under Section 3B of the FCA who had allowed use or working of forest land for non forest purpose and grant of lease without prior approval under the FC Act.

As this matter pertains to Department of Revenue, Forest and Mines, the Chief Secretary, State of Odisha is required to take immediate action in this regard.

- 7.** The Secretary, MoEF, Government of India, New Delhi and Secretary, Ministry of Mines should also take similar exercise to find out the involvement of officers of their Ministries, Regional offices (MoEF) and IBM, respectively and if found guilty, take action accordingly under the relevant law. Till the corrective and ameliorative measures are completed and illegalities rectified, all the mines which were

involved in such unlawful operations should not be allowed to operate.

- 8.** Further, for diversion of forest land, recovery of Net Present Value (NPV) should be reasonable and adequate.

It is an undisputed fact that forest is an important and vital component to sustain life on this planet. For various reasons, the forest is being depleted because of man made activities. Mining is one of them. The Hon'ble Supreme Court in the year 2002, based on the recommendations of the Central Empowered Committee (CEC), considered to impose Net Present Value (NPV) on the user agency to compensate for diversion of the forest land for non forestry purposes.

In this regard, a range of Rs.5.8 lacs to Rs.9.2 lacs per ha. was decided to impose. The imposition of NPV would depend on the type and nature of the forest amongst others.

During the inquiry, it has been observed that in Sundargarh and Keonjhar districts of Odhisa State which comprised of very good forest of eastern ghats, the forest have been diverted for mining purposes. In some of leases like Joda East of Tata Steels, a minimum amount of Rs.5.8 lacs per

ha. had been collected as NPV. This is found quite lower side if compared the surrounding forests and forest inside lease. There may be many more cases of this kind. The collection of NPV in this area should be between Rs.8 to 9 lacs per ha.

Hence, it is recommended that the higher authority of the Forest Department should revisit all the leases wherein forest land is diverted and collect difference amount from all such cases.

9. Lease Agreement as contemplated under Section 24 of the Orissa Forest Act, 1972 is not executed.

The Commission has observed that no agreement is signed between the lessee and the State Government after the approval under FC has been granted by the Government of India in case where there is the deemed extension of the lease period. Such agreements have been made mandatory as per the existing forest laws in other states like Karnataka. Absence of such agreements have not only lead to poor compliances it has also lead to ineffective monitoring and enforcement of compliances as the obligatory conditions under EC and FC are not explicitly part of any agreement.

The absence of a registered agreement has also led to certain anomalies. For example, it is observed that in many cases, FC approval with conditions is granted during the mid of deemed extension period. However in such cases, no agreement is entered into with lessee by the Mines and Geology department as the lease is operating under deemed extension clause. Thus, the State's forest property of thousands of crores is "gifted" in the hands of "deemed lessee" without any agreement, which is mandatory within the ambit of any defined lease.

Even under the mining Rules and Regulations, agreement is an integral part of any mining lease which is completely bypassed because of deemed extension. The State has to take immediate action in this regard. The State has also lost stamp duty of hundreds of crores.

10. Monitoring

Monitoring of the projects is the weakest link in the entire forest clearance process. It is more complex, when the leases consist of various types of land in the lease hold areas i.e. forest, non-forest Government land, DLC and private land. These forest lands, DLC, non forest Government lands and tenant lands within leased area have not been demarcated on the ground which has led to various

violations. Therefore it is essential that they should be demarcated permanently and marked on ground with DGPC readings in all leases.

The outer boundary of the leases so geo-referenced with DGPS readings shall be monitored twice in a year mandatorily. The satellite images of high resolution of leased areas should be submitted by the lessee in the months of October – November and April – May each year. These images shall be compared with preceding year and action should be taken accordingly. The Forest and Mines Department and MoEF should also evolve a methodology on these guidelines to monitor the projects.

- 11.** Detailed monitoring of the compliance to stipulated conditions in forest land diversion cases, as approved by the Government of India u/s. 2 of the Forest (Conservation) Act, 1980, by a third reputed organization is the need of hour. Follow up action should be taken till it reaches to logical end. It is an ongoing process and Government of India / State Government should continue the monitoring work till the project ends.
- 12.** Though there is well meaning, National Forest Policy, 1988 framed and backed with various laws

but neither infrastructure nor manpower is created to implement, monitor and execute it in the field. It is observed that willpower to implement is lacking at all levels both in political as well as executive wings. A large number of vacancies, inadequate and inefficient infrastructure in all the concerned departments have been observed.

- 13. (a)** The Commission has been informed that substantial amount of Compensatory Afforestation Fund Management and Planning Authority (CAMPA) funds are locked in Govt. treasuries which should be made use of.
- (b)** The Commission has observed that in many cases the compensatory afforestation work, as stipulated in the Government of India approval, has not been taken up by the Forest Department for various reasons including non release of funds by the State Government.
- (c)** Further, there is no evaluation of the compensatory afforestation already carried out by an independent third party. It requires further investigation to find out, whether afforestation has been carried out as per the area mentioned in **Annexure: VIII** and its present status. MoEF should take immediate action to get evaluation of compensatory

afforestation of all types since the year 2000–01 onwards and take remedial measures.

- (d)** During the enquiry it has been observed that in most of the cases, the assessment of broken up areas prior to 25.10.1980 has been done after a lapse of 20 to 30 years. It is further observed that the assessment has been done by the low ranked officials of Mines, Forest and Revenue Departments without taking any reliable factor into consideration prevailing before 25.10.1980.
- (e)** Some of the factors that should have been considered are the production, period of lease run before 25.10.1980 and Satellite Images. The reporting of more areas as broken up before the year 1980 has deprived the Forest Department of additional equivalent areas for the compensatory afforestation and consequently the protected forests. Therefore, it is recommended that all such broken up areas as approved under the FC proposals (which have been marked as broken up before the year 1980) should be revisited, verified and accordingly, required follow up action should be taken.

- 14. (a)** In case of two lessees, namely, M/s. Lal Traders & Agencies (Badampahar Iron Ore Mines) and B.C. Dagara (Suleipat Iron Ore Mines) (**Sr. Nos.1 and 2 of the Annexure: VI**), incorrect information have been submitted to the MoEF regarding the distance from the National Parks and sanctuaries. Accordingly, based on this incorrect information, EC was accorded to the said two lessees without verification. Since the said EC was accorded on incorrect information, both the ECs should immediately be withdrawn and to be treated as void and no effect.

Action should be initiated against the consultant who has prepared the EIA plan, the officer who has given No Objection Certificate (NOC), the officers who have recommended and the officers in MoEF who have accorded EC without verification of the records.

- (b)** In the case of other 07 leases mentioned in **Annexure: VI**, there is no EC obtained till date.

In all such cases, even though there is the direction to obtain approval from the Standing Committee of the National Board for Wildlife, the same is not done and the leases

are being operated. Therefore, action should be taken to close them, till the approval of NBWL is obtained. No further renewal of all three leases listed in **Annexure: VI** should be accorded.

15. Maintenance of environmental stability through preservation and, where necessary, restoration of the ecological balance that has been adversely affected by serious depletion of the forests of the country/State of Odisha is the need of the hour. Mining is one of the prime factors which destabilizes the ecological balance. The State Government should take immediate action to prepare and implement Rehabilitation & Reclamation Plan (R & R Plan) as being done under the direction of the Hon'ble Supreme Court of India in the State of Karnataka. All the stocks of processed ores, permanent and temporary waste dumps, sub grade dumps shall be completely covered with coir mats.

In no circumstances, the dumps, ROM and processed ores shall be kept open mainly during the rainy season. The rainfall in this area is very high and many rivers originate from these two districts. Proper care shall be taken in those leases wherein the river, rivulets and nallas are passing through or passing by the side of the leases. Its non

implementation results to health hazardous which may, on occasions, violate right to life guaranteed under Article 21 of the Constitution of India. Further, it affects the natural ecosystem as well as pollutes water and air and causes damages to life.

A team of officers should visit the Karnataka State and follow the measures taken by them for complete implementation of R & R Plan. The R & R Plan should be an integral part of the environmental clearance as well as mining plan.

16. No forests are permitted to be managed without approved **working plan/management plan**, as per the orders of the Hon'ble Supreme Court. Therefore it is imperative that the approved Rehabilitation and Reclamation Plans for each mining lease, stipulated conditions of EC and FC clearances shall also form part of working plan / management plan thereby ensuring better compliances.

The grant of permission for mining and approving mining plan and the scheme by the Ministry of Mines, Government of India by itself does not mean that mining operation can commence. Section 18 of MM(DR) Act, 1957 deals with the commencement of mining and steps required to be taken for protection of environment

by preventing or controlling any pollution which may be caused by mining operations.

17. Following the “Polluter Pays” principle, Lessees who are permitted to carry out mining and quarrying in forest land and in land covered by trees, should be mandated to repair, reclaim, rehabilitate and re-vegetate the area in accordance with established forestry practices. The safety zones which are completely neglected in all the leases should immediately be restored by proper planting of natural native species. Offence cases shall be booked against the lease holders (lessees) where there is violation of safety zones under the Odisha Forest Act, 1972, Forest (Conservation) Act, 1980 and any other Act, applicable for the revenue forest.
18. The national goal is to have a minimum of one-third of the total land area of the country under forest or tree cover. **In the hills and in mountainous regions, the aim should be to maintain two-third of the area under such cover in order to prevent erosion and land degradation and to ensure the stability of the fragile eco-system.**

The State Government should take immediate steps to declare more areas of Govt. land (degraded/stocked forest) as reserve forest/protected forest/

others. All the Section 4 areas declared under the Orisha Forest Act, 1972 or Indian Forest Act, 1927 should be processed and declared as Reserve forest at the earliest in a time bound programme. In the State, the areas notified under Section 4 of Orissa Forest Act, 1972 or Indian Forest Act, 1927 even before the year 1980, are yet to be processed to declare as Reserve forest.

Therefore, immediate action is required to be taken by the Chief Secretary, State of Odisha by appointing Forest Settlement Officers for declaring reserve forest.

- 19.** Conservation includes preservation, maintenance, sustainable utilization, restoration and enhancement of the natural environment (National Forest Policy). Time has come to take all necessary steps by the State and the Central Government to conserve the forest for the health of Nation and citizens.

For the new mining projects in forest, a Site Clearance from MoEF should be made mandatory before proposing / notification of area under MM(DR) Act, 1957. Once Site Clearance is obtained, only then initiation of grant of lease should be taken under MM(DR) Act, 1957.

- 20.** The diversion of forest land for non-forest purpose, in general and in particular for mining purpose should be subject to the most careful examinations by specialists from the standpoint of social and environmental costs and benefits. The provision of Schedule V of the Constitution of India should be kept in mind and applied. The orders issued by the Hon'ble Supreme Court at various point of time in this regard should be taken into consideration.

21. Wildlife

Wildlife Act inter-alia provides for framing policies for promoting wildlife conservation, management of national parks, sanctuaries and other protected areas and carrying out impact assessment of various projects and activities on wildlife or its habitats. The guidelines issued for taking non-forestry activities in wildlife habitats are exhaustive and need to be implemented in letter and spirit so as to save gene pool of the impact area. Every creature on the earth is having a reason to be there and it is the duty of the human race to protect them under the Constitution of India, International Treaties and Conventions. For the conservation of total biological diversity, the network of national parks, sanctuaries, biosphere reserves and other protected areas should be strengthened and

extended adequately. The XXI meeting of the Indian Board for Wildlife held on 21st January 2002, wherein a 'Wildlife Conservation Strategy-2002' was adopted i.e. lands falling within 10 Kms. of the boundaries of National Parks and Sanctuaries should be notified as eco-fragile zones.

The Simlipal National Park falls in this category. Therefore the eco-fragile (eco-sensitive) zones around the Simlipal National Park shall immediately be notified without further loss of time.

It is also to be noted that there is a notified Elephant Reserve bordering the Simlipal National Park wherein all 10 mining leases are located. This Elephant reserve also overlaps the distance of 10 kms. from the outer boundary of Simlipal National Parks. 25% of population of Odisha elephants are having habitat in Simlipal National Park (SNP), elephant reserve and biosphere reserve. In light of the above the elephant reserve of that area may also be considered for declaring it as 'inviolable area' by the Committee of MoEF constituted for identification of such areas.

If we fail to do so, we cannot prevent the elephants entering villages and destroying agricultural produce and properties.

- 22.** Further, it is especially essential to provide corridor linkages to the protected areas in order to maintain genetic continuity between artificially separated sub-sections of isolated wildlife. Areas outside the protected area network are often vital ecological corridor links and must be protected to prevent isolation of fragments of biodiversity which will not survive in the long run.

A corridor for free migration of wildlife should be notified to link the Mayurbhanj, Balashore Districts through Keonjhar and Sundargarh Districts to Seranda Forest of Jharkhand and adjoining Districts of West Bengal and Bihar. As a whole, a continuous corridor should be notified so as to link Jharkhand, Odisha, West Bengal and Bihar areas.

In order to prevent further fragmentation of wildlife corridor and for conservation of wildlife, the already leased mines in Mayurbhanj District (in Elephant reserve areas), shall not be renewed. Follow up action should be taken in this regard. New leases within 10 Kms. radius of the protected area should also be prohibited under Rule 5 of the E.P. Rules, 1986.

- 23.** Finally, it is high time to decide whether the public/national wealth shall be allowed to accumulate in a few hands at the cost of fast depleting minerals, forests, age old ecosystem, environment, health and infrastructure or otherwise.

It is observed that due to existing skewed policies, the rich is becoming richer at the cost of natural resources which belong to the country and the community. There is an urgent need to break this trend. The State should not fall in a trap of self propagated false projections of various kinds like efficiency, employment generation, abundance of mineral resources and others by a few individuals to further their interest and not of the Nation. In any case, failure to protect forest cover as per National Forest Policy, 1988, would be at the cost of State Government. Such failure may result in soil erosion as well as pollution of river and on occasion, heavy flood, similar to, what has had recently happened in the State of Uttrakhand.

For the aforesaid reasons, the authorities should be directed to monitor and observe whether FC conditions are followed or not. If there is any failure in discharge of duties on the part of officers, they should be held responsible.

Further, law should be enforced without any latitude. Otherwise, violators of the Act and Rules would presume that non-compliance of the provisions of the Acts or Rules or Conditions of lease, is their right and/or that they can “manage” the lapses. The result is that the violators fearlessly violate the provisions of law/Rules, as if they do not exist.

Date:

**(M. B. SHAH)
(Former Judge, Supreme Court of India)**

**Chairman
Commission of Inquiry
for
Illegal Mining of Iron Ore and Manganese**