

Sr No	Name of the Lessee & lease	Quantity Approved (MT)		Date of Expire of Lease	Unlawful / Illegal production estimated based on DMG Data for Iron (MT)	Unlawful / Illegal production estimated based on IBM Data for Iron (MT)	Unlawful / Illegal production estimated based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
12	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Macilan Budhaburu Iron Ore Mines), Ankula RF, Manoharpur (823.83)	J - 11015/249/2009 IA. II(M) dt. 23/03/2011 Total MLA - 823.83 Ha	0 4200000	07/12/1975		1993-01- 00 2001-2002- 4497 2002-2003- 15509 2003-2004- 39722 2004-2005 - 97193 2005-2006- 134566 2006-2013 - 00 Total:- 291487	
13	M/s Orissa Ghatkuri Iron Ore Manganese & Minerals. Ghatkuri RF, Noamundi (275.19)	J - 11015/488/2007 IA. II(M) dt. 20/02/2009 Total MLA - 275.52 Ha	0 600000	08/08/1996 + 3467 Days	193-95 00 1995-96 22879 1996-97 30355.00 1997-09 00 2009-10 614072.022 2010-13 00 Total: 667306.022	1993-09- 00 2009-2010 - 614072 2010-2013- 00 Total :- 614072	
		J - 11015/12/2009 IA. II(M) dt. 15/04/2010 Total MLA - 275.52 Ha	600000 2000000				

Sr No	Name of the Lessee & lease	Quantity Approved (MT)		Date of Expire of Lease	Unlawful / Illegal production estimated based on DMG Data for Iron (MT)	Unlawful / Illegal production estimated based on IBM Data for Iron (MT)	Unlawful / Illegal production estimated based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
14	M/s.SAIL. Meghahatuburu Iron Ore Mine Project lease-I Mining Area. Kiriburu. Karampada RF. Manoharpur (1936.14)	J - 11015/05/ 2006 IA, II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	0 5000000	27/03/1990	1993-94 00 1994-95 156461 1995-96 268567 1996-97 750162 1997-98 880897 1998-99 622671 1999-00 187061 2000-01 00 2001-02 231846 2002-03 512433 2003-04 893662 2004-05 901770 2005-06 1180120 2006-13 00 Total = 6585650	MEGHAHATUBURU 1993-94- 00 1994-95-3329960 1995-96- 3500735 1996-97-3736785 1997-98- 00 1998-99-3442995 1999-2000-3122325 2000-2001-2948085 2001-2002-3168810 2002-2003-3458925 2003-2004-3817170 2004-2005-3749085 2005-2006-4048470 2006-2013-00 Total : 38323345	
		J - 11015/05/ 2006 IA, II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	0 5000000		1993-94 00 1994-95 543079 1995-96 587592 1996-97 613786 1997-98 752751 1998-99 919950 1999-00 641707 2000-01 390089 2001-02 880968 2002-03 1037279 2003-04 1043009 2004-05 1052192 2005-06 1134157 2006-13 00 Total = 9596559	KIRUBURU 1993-94- 00 1994-95- 3104722 1995-96- 3138913 1996-97- 3174976 1997-98- 00 1998-99- 3485843 1999-2000-3207600 2000-2001-3590055 2001-2002-3982725 2002-2003-4170600 2003-2004-4307265 2004-2005-4430115 2005-2013- 00 Total :- 36592814	

Sr No	Name of the Lessee & lease	Quantity Approved (MT)		Date of Expire of Lease	Unlawful / Illegal production estimated based on DMG Data for Iron (MT)	Unlawful / Illegal production estimated based on IBM Data for Iron (MT)	Unlawful / Illegal production estimated based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
15	Tata Steel Ltd. Noamundi (1160.36)	J - 11015/49/2003 IA. II(M) dt. 06/04/2005 Total MLA - 1160.06 Ha and J - 11015/159/200 7 IA. II(M) dt. 26/08/2008 Total MLA - 1160.06 Ha	4650000 7600000 and 7600000 10000000	31/12/1981	1993-94 00 1994-95 4040435 1995-96 4040366 1996-97 4020617 1997-98 4146999 1998-99 3971803 1999-00 4194821 2000-01 4603399 2001-02 4756607 2002-03 4856156 2003-04 4279352 2004-05 5217941 2005-13 00 Total = 48128496	1993-94- 00 1994-95- 4066100 1995-96- 4347655 1996-97- 4316600 1997-98- 00 1998-99- 4487550 1999-2000- 4635017 2000-2001- 5114050 2001-2002- 4909000 2002-2003- 5085838 2003-2004- 4947857 2004-2005 -5445774 2005-2013- 00 Total :- 47355441	
16	Shri Nirmal Kumar, Pradip Kumar, (Meralgaraha) Noamundi (66.781)	J - 11015/32/2010 IA. II(M) dt. 21/12/2012 Total MLA - 66.781 Ha	62000 343000	24/11/1991	1993-07 00 2007-08 112858.260 2008-09 132745.810 2009-10 49436.472 2010-11 43346.320 2011-12 9012 2012-13 00 Total 347398.862	1993-07- 00 2007-2008- 112858 2008-2009- 132746 2009-2010 - 49436 2010-2011- 43346 2011-2012- 9012 2012-2013- 00 Total = 347398	

Sr No	Name of the Lessee & lease	Quantify Approved (MT)		Date of Expire of Lease	Unlawful / Illegal production estimated based on DMG Data for Iron (MT)	Unlawful / Illegal production estimated based on IBM Data for Iron (MT)	Unlawful / Illegal production estimated based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
17	Padamkumar Jain Thakurani Noamundi (84.68)	J - 11015/48/2006 IA. II(M) dt. 24/09/2008 Total MLA - 84.68 Ha	47000 1300000	31/12/2012	1993-03 00 2003-04 442990.190 2004-05 922675.560 2005-06 1104360.950 2006-07 1671910.170 2007-08 1982055.955 2008-09 713875.955 2009-10 620027.560 2010-11 385441.670 2011-13 00 Total 7843338.01	1993-95- 00 1995-96- 55004 1996-97- 68722 1997-98- 00 1998-99- 15645 1999-2000- 5653 2000-2001- 18836 2001-2002- 14785 2002-2003- 13160 2003-2004- 44290 2004-2005 -922675 2005-2006- 1104360 2006-2007 -1671910 2007-2008- 1982056 2008-2009- 713876 2009-2010 -620028 2010-2011- 385441 2011-2013- 00 Total :- 7636441	

Sr No	Name of the Lessee & lease	Quantity Approved (MT)		Date of Expire of Lease	Unlawful / Illegal production estimated based on DMG Data for Iron (MT)	Unlawful / Illegal production estimated based on IBM Data for Iron (MT)	Unlawful / Illegal production estimated based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
18	Shri Nirmal Kumar, Pradip Kumar. Ghatkuri RF. Noamundi (149.173)	J- 11015/15/2010 1A -IIA(M) DT.21.12.2012 Total MLA 149.173 (Ha)	44000 403000	27/07/1993	1993-03 00 2003-04 273329.450 2004-05 522942.700 2005-06 649190.930 2006-07 637340.560 2007-08 476246.380 2008-09 628841.520 2009-10 283267.610 2010-11 298561.330 2011-12 82050 2012-13 00 Total = 3851770.48	1993-03- 00 2003-2004- 222610 2004-2005 - 522942 2005-2006- 649191 2006-2007 - 637341 2007-2008- 476246 2008-2009- 628841 2009-2010 - 283268 2010-2011- 298561 2011-2012- 82050 2012-2013- 14430(P) Total :- 3801050	

Sr No	Name of the Lessee & lease	Quantity Approved (MT)		Date of Expire of Lease	Unlawful / Illegal production estimated based on DMG Data for Iron (MT)	Unlawful / Illegal production estimated based on IBM Data for Iron (MT)	Unlawful / Illegal production estimated based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
19	M/s.SAIL, Gua Ore Mines Gua, Duaruiburu Mines Ghatkuri RF). Noamundi (1443.76)	J - 11015/453/2008 1A. II(M) dt. 25/03/2013 Total MLA - 1443.76 Ha	Iron 0 12500000 Manganese 0	21/02/1979	1993-94 00 1994-95 2602673.760 1995-96 1919543.600 1996-97 2113189.500 1997-98 884366.100 1998-99 842552.000 1999-00 1097493.020 2000-01 1627207.600 2001-02 1473966.000 2002-03 154481.560 2003-04 1442309.500 2004-05 1470080.000 2005-06 2301692.880 2006-07 1617383.650 2007-08 1871004.710 2008-09 1117912.550 2009-10 1589149.750 2010-11 1637493.250 2011-12 448397.000 2012-13 00 Total = 6210896.43	1993-94- 00 1994-95- 2592774 1995-96- 3418991 1996-97- 3893546 1997-98 -2972266 1998-99- 2848498 1999-2000- 2952573 2000-2001- 2790963 2001-2002- 2699358 2002-2003- 2602134 2003-2004- 2546155 2004-2005 - 2282192 2005-2006- 2620667 2006-2007 - 2370140 2007-2008- 2584090 2008-2009- 2584090 2009-2010 - 2147645 2010-2011- 2378504 2011-2012-543562 2012-2013- NIL(P) Total :- 46828148	1994-08 00 2008-09 12000 2009-10 00 2010-11 40000 2011-12 8000 Total = 60000

Sr No	Name of the Lessee & lease	Quantity Approved (MT)		Date of Expire of Lease	Unlawful / Illegal production estimated based on DMG Data for Iron (MT)	Unlawful / Illegal production estimated based on IBM Data for Iron (MT)	Unlawful / Illegal production estimated based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
20	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Sukriliturburu Iron Ore Mines), Ankula RF, Manoharpur (609.57)	J - 11015/247/2009 IA. II(M) dt. 10/06/2013 Total MLA - 609.57 Ha	0 750000	24/03/1979	1993-94 00 1994-95 88957.680 1995-96 56821.874 1996-97 72930.423 1997-98 4703.966 1998-99 62987.851 1999-00 95156 629 2000-01 170151.210 2001-02 200034 630 2002-03 290559.270 2003-04 307034.790 2004-05 282625 370 2005-06 269048.890 2006-07 400348 2007-08 471375.010 2008-09 228592.560 2009-13 00 Total = 3001328.153	1993-01- 00 2001-2002- 175030 2002-2003- 203391 2003-2004- 214924 2004-2005 - 197838 2005-2006- 188334 2006-2007 - 394277 2007-2008- 471375 2008-2009- 228592 2009-2013 - 00 Total :- 2073761	

Grand Total of Unlawful and Illegal Production :-

(a) For Iron for DMG :- 118781132.183 MT

(b) For Iron IBM :- 198696797 MT

(c) For Manganese for DMG :- 130448.686 MT

Annexure - X				
List of 40 Lessess working under deemed extension provision with or without EC				
Sr No	Name of the Lease	Quantity approved	(MT)	Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
1	Shri Vijaykumar Ojha, BadaBaljori, Noamundi (21.19) Manganese	J - 11015/1043/2007 IA. II(M) dt. 14/07/2008 Total MLA - 21.246 Ha	0 510.72	20/10/1971
2	Rungta Mines(Meralgara), Meralgadha, Noamundi (122.02)	J - 11015/596/2007 IA. II(M) dt. 20/08/2008 Total MLA - 122.017 Ha	0 360000	21/11/1994
3	Shri Rameshwar Jute Mills, Baraiburu, Noamundi (258.99)	J - 11015/1147/2007 IA. II(M) dt. 15/04/2011 Total MLA - 258.98968 Ha	Iron 30000 2260000 Manganese 300 4000	04/03/1986

Sr No	Name of the Lease	Quantity approved (MT)		Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
4	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Dhobil Iron Ore Mines), Budhaburu, Ankula RF, Manoharpur (512.95)	J - 11015/251/2009 IA. II(M) dt. 24/01/2012 Total MLA - 513.036 Ha	0 750000	07/03/1978
5	Rungta Mines (Ghatkuri RF), Noamundi (138.85)	J - 11015/198/2006 IA. II(M) dt. 15/04/2008 Total MLA - 138.848 Ha	25000 1800000	23/01/1999
		J - 11015/57/2010 IA. II(M) dt. 22/05/2013 Total MLA - 138.848 Ha	1800000 7552000	
	Area 27.518 Ha (In Past)			
	Area 202.349 Ha (In Past)			
6	Singhbhum Minerals co. (Transfer in the name of Ram Minerals Co.) Khasjamda, Noamundi (265.88)	J - 11015/873/2007 IA. II(M) dt. 05/11/2008 Total MLA - 265.88 Ha	4200 100000	14/01/1992

Sr No	Name of the Lease	Quantity approved	(MT)	Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
7	Shri Anilkumar Khirval, Bandhburu(Noamundi PF), Noamundi (22.53)	J - 11015/142/2007 IA. II(M) dt. 13/04/2011 Total MLA - 19.331 Ha	39000 74000	30/04/2002
8	M/s Shah Brothers Karampada Iron Ore Mines, Karampada RF, Manoharpur (233.89)	J - 11015/24/2006 IA. II(M) dt. 23/01/2007 Total MLA - 233.99 Ha	60000 100000	09/07/2002
9	M L Jain And Sons. Karampada RF, Noamundi (202.35)	J - 11015/318/2006 IA. II(M) dt. 15/12/2008 Total MLA - 202.03 Ha	0 90000	26/05/2003

Sr No	Name of the Lease	Quantity approved (MT)		Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
10	M/s Devkabai Velji Ghatkuri Iron Ore Mines, Ajitaburu Ghatkuri RF, Noamundi (46.62)	J - 11015/377/2007 IA. II(M) dt. 16/01/2009 Total MLA - 46.62 Ha	Iron 0 600000 Manganese 0 4275	03/08/1983
11	M/s.SAIL, Meghahatuburu Iron Ore Mine Project lease- II Railway siding & plant, Karampada RF, Manoharpur (879.43)	J - 11015/05/ 2006 IA. II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	0 5000000	05/12/2003
12	M/s.SAIL, Meghahatuburu Iron Ore Mine Project lease- II Tailing dam, Kiriburu, Meghahatuburu, KarampadaRF,Manoharpur (81.97)	J - 11015/05/ 2006 IA. II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	0 5000000	30/09/2003

Sr No	Name of the Lease	Quantity approved (MT)		Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
13	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Maclilan Budhaburu Iron Ore Mines), Ankula RF, Manoharpur (823.83)	J - 11015/249/2009 IA. II(M) dt. 23/03/2011 Total MLA - 823.83 Ha	0 4200000	07/12/1975
14	M/s Orissa Ghatkuri Iron Ore Manganese & Minerals. Ghatkuri RF, Noamundi (275.19)	J - 11015/488/2007 IA. II(M) dt. 20/02/2009 Total MLA - 275.52 Ha	0 600000	08/08/1996 + 3467 days
		J - 11015/12/2009 IA. II(M) dt. 15/04/2010 Total MLA - 275.52 Ha	600000 2000000	

Sr No	Name of the Lease	Quantity approved (MT)		Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
15	M/s.SAIL, Meghahatuburu Iron Ore Mine Project lease-I Mining Area. Kiriburu, Karampada RF, Manoharpur (1936.14)	Meghataburu J - 11015/05/ 2006 IA. II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	0 5000000	27/03/1990
		J -11015/05/ 2006 IA. II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	0 5000000	

Sr No	Name of the Lease	Quantity approved	(MT)	Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
16	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (AjitaburuIronOreMines) Budhaburu AnkulaRF, Manoharpur (323.83)	J -11015/505/2007 IA. II(M) dt. 31/03/2011 Total MLA - 323.83 Ha	0 2800000	06/12/1977
17	Tata Steel Ltd. Noamundi (1160.36)	J -11015/49/2003 IA. II(M) dt. 06/04/2005 Total MLA - 1160.06 Ha	4650000 7600000	31/12/1981
		J - 11015/159/2007 IA. II(M) dt. 26/08/2008 Total MLA - 1160.06 Ha	7600000 10000000	

Sr No	Name of the Lease	Quantity approved	(MT)	Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
18	Shri Nirmal Kumar, Pradip Kumar, (Meralgaraha) Noamundi (66.781)	J - 11015/32/2010 IA. II(M) dt. 21/12/2012 Total MLA - 66.781 Ha	62000 343000	24/11/1991
19	Padamkumar Jain Thakurani Noamundi (84.68)	J - 11015/48/2006 IA. II(M) dt. 24/09/2008 Total MLA - 84.68 Ha	47000 1300000	31/12/2012
20	Shri Nirmal Kumar, Pradip Kumar, (Ghatkuri RF) Noamundi (149.173)	J - 11015/15/2010 IA. II(M) dt. 21/12/2012 Total MLA - 149.173 Ha	44000 403000	20/07/1993

Sr No	Name of the Lease	Quantity approved (MT)		Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
21	M/s SAIL, Gua Ore Mines Gua, Duaruiburu Mines (Ghatkuri RF)Noamundi(1443.76)	J - 11015/453/2008 IA. II(M) dt. 25/03/2013 Total MLA - 1443.76 Ha	0 12500000	21/02/1979
22	M/s SAIL, Manoharpur Iron Ore Mines Chiriya (Sukriluturburu Iron Ore Mines) Ankula RF .Manoharpur (609.57)	J - 11015/247/2009 IA. II(M) dt. 10/06/2013 Total MLA - 609.57 Ha	0 750000	24/03/1979
23	M/s Kamaljeet Singh Ahluwalia Baraiburu Tatiba Mines, Noamundi (250.763)	No EC	N.A	04/07/1989 (Cancelled vide Letter No 272/2010 Date 27/08/2010 matter pending in HC)

Sr No	Name of the Lease	Quantity approved (MT)		Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
24	M/s Kamaljeet Singh Ahluwalia Baraiburu Tatiba Mines, Noamundi (129.499)	No EC	N.A	04/09/1989 (Lease application cancelled on 13/06/2008 and revision application filed on 11.07.2008 which was expected on 15.09.2009 by MOM - GOI
25	M/s.SAIL, Manoharpur Iron Ore Mine Chiriy (Ankua Iron Ore Mines),Manoharpur (67.18)	No EC	N.A	31/05/1992
26	Smt. Mitra Ghose/ shri Samir kumar Ghose, Noamundi (20.07)	No EC	N.A	07/01/1993 (Rejected by State Govt on 27/07/2010

Sr No	Name of the Lease	Quantity approved	(MT)	Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
27	Shri Khatau Liladhar Thakkar, Kumirta, Noamundi (30.84)	No EC	N.A	05/06/1973
28	T P Sao, Ghatkuri RF, Noamundi (202.35)	No EC	N.A	03/01/1993
29	M/s R Mcdill & Co. Karampada RF, Noamundi (110.08)	No EC	N.A	06/10/1975
30	Revti Raman Prasad and Anand Vardhan Prasasd, Itarbaljori, Noamundi (33.7)	No EC	N.A	30/04/1996
31	Singhbhum Minerals Co. Karampada RF, Noamundi (141.64)	No EC	N.A	10/12/1996

Sr No	Name of the Lease	Quantity approved (MT)		Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
32	M/s General Produce Ltd. Karampada Iron Ore Mines Block No. 15, Manoharpur (155.78)	No EC	N.A	12/10/2006
33	Shri Khushal Arjun Rathor, Noamundi PF, Noamundi (31.97)	No EC	N.A	10/11/1999
34	M/s.SAIL, Gua Ore Mines Gua, Topailore, Noamundi (13.76)	No EC	N.A	08/03/2000
35	Shri Chandra Prasasd, Itarbaljori, Noamundi (57.47)	No EC	N.A	28/07/2003

Sr No	Name of the Lease	Quantity approved (MT)		Date of Expiry of Lease Period
		EC Approval and Date	Upper limits From -- To	
1	2	3	4	5
36	Revti Raman Prasad and Anand Vardhan Prasasd, Meralgadha and Noamundi Noamundi (62.43)	No EC	N.A	04/01/1984
37	M/s General Produce Ltd. Karampada Iron Ore Mines. Ghatkuri RF, Manoharpur (163.9)	No EC	N.A	11/01/1980 (Leased Cancelled on 15/03/1984 and as per HC order no RML filed before state government 28/02/2008
38	Padamkumar Jain Rajabeda, Manoharpur (41.639)	No EC	N.A	28/02/2008
39	M/s.SAIL, Gua Ore Mines Gua, Jilingburu-II, Noamundi (30.43)	No EC	N.A	10/01/1981
40	M/s.SAIL, Gua Ore Mines Gua, Jilingburu-I, Noamundi (210.44)	No EC	N.A	24/03/1983

Annexture-XI							
List of Mining leases where in Forest Clearance under F.C. Act, 1980 have been granted without having Environment Clearance in violation of circular No.J-11015/12/94-IA.II (M) dated 17.06.1996 of MoEF							
Sr. NO	ML. No.	Name of Lessee	Total Area in (ha.)	Forest land in (ha.)	Non forest land in (ha.)	Govt. land in (ha.)	FC approval No& Date
1	2	3	4	5	6	7	8
1	6/88 & 8/08	M/s Kamaljeet Singh Ahluwalia Baraiburu Tatiba Mines	129.5	42.908	37.733	48.858	No.10/163/ FCE dt. 28.04.1998
2	1/92	Smt. Mitra Ghose/ shri Samir kumar Ghose	20.07	20.07	0	0	No.10-151/FCE dt. 19.05.1997
3	4/09	M/s.SAIL, Gua Ore Mines Gua, Jilingburu-II	30.43				No.10-144/ FCE dt. 11.06.1998
4	5/09	M/s.SAIL, Gua Ore Mines Gua, Jilingburu-I	210.44	210.44	0	0	No 8-75/1998/FC dt. 23/11/2000

Annexture-XII					
List of Mining leases where in Environment Clearance have been granted without having Forest Clearance under F.C. Act, 1980 in violation of circular No.J-11015/12/94-IA.II (M) dated 17.06.1996 of MoEF					
Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
1	Shri Vijaykumar Ojha, BadaBaljori, Noamundi (21.19) Manganese	J - 11015/1043/2007 IA. II(M) dt. 14/07/2008 Total MLA - 21.246 Ha	0 510.72	No FC	1) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, such as elephant, sloth bear etc. 2) Appropriate mitigative measures should be taken to prevent pollution of Karo river, if any, and other water bodies in consultation with State Pollution Board.
2	Rungta Mines(Meralgara), Meralgadha, Noamundi (122.02)	J - 11015/596/2007 IA. II(M) dt. 20/08/2008 Total MLA - 122.017 Ha	0 360000	No FC	1) Necessary forestry clearance under the Forest Conservation Act. 1980 for an area of 18.26 Ha forest land shall be obtained before starting mining operation in that area. EC is subject to grant of forestry clearance. 2) The project proponent shall take all precautionary measures during mining operation for conservation and protection of flora and fauna in consultation with local Forest and Wild Life department.

Annexure-XIII					
MINING LEASES WHERE EC IS GRANTED WITH CONDITION OF CONSERVATION AND PROTECTION OF WILDLIFE IS STIPULATED, THOUGH CONDITIONS DID NOT IMPLEMENT.					
Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
1	Shri Vijaykumar Ojha, BadaBaljori, Noamundi (21.19) Manganese	J - 11015/1043/2007 IA. II(M) dt. 14/07/2008 Total MLA - 21.246 Ha	0 to 510.72	No FC	1) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, such as elephant, sloth bear etc. 2) Appropriate mitigative measures should be taken to prevent pollution of Karo river, if any, and other water bodies in consultation with State Pollution Board.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
2	Rungta Mines(Meralgara), Meralgadha, Noamundi (122.02)	J - 11015/596/2007 IA. II(M) dt. 20/08/2008 Total MLA - 122.017 Ha	0 to 360000	No FC	1) Necessary forestry clearance under the Forest Conservation Act. 1980 for an area of 18.26 Ha forest land shall be obtained before starting mining operation in that area. EC is subject to grant of forestry clearance. 2) The project proponent shall take all precautionary measures during mining operation for conservation and protection of flora and fauna in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
3	Shri Rameshwar Jute Mills, Baraiburu, Noamundi (258.99)	J - 11015/1147/2007 IA. II(M) dt. 15/04/2011 Total MLA - 258.98968 Ha	Iron 30000 to 2260000 Manganese 300 to 4000	No. 10(21)2-2000-FC(pt) dt. 11.12.3009	1) Environment clearance is subject to obtaining clearance under the Forest Conservation Act. 1980 for diversion of forest land. 2) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection Act. 1972 from the competent authority, as may be applicable to this project. 3) Appropriate mitigative measures shall be taken to prevent polution of Karo river, the koina river and the Sarako river in in consutation with State Pollution Board. 4) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant, sloth beer,peafowl etc. in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
4	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Dhobil Iron Ore Mines),Budhabu ru, Ankula RF, Manoharpur (512.95)	J - 11015/251/2009 IA. II(M) dt. 24/01/2012 Total MLA - 513.036 Ha	0 750000	No 8- 20/1998/ FC dt 21/10/19 98	1) Environment clearance is subject to obtaining clearance under the Forest Conservation Act. 1980 for diversion of forest land. 2) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection Act. 1972 from the competent authority, as may be applicable to this project. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant, sloth beer,Indian woolf python etc. in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
5	Rungta Mines (Ghatkuri RF), Noamundi (138.85)	J - 11015/198/2006 IA. II(M) dt. 15/04/2008 Total MLA - 138.848 Ha and J - 11015/57/2010 IA. II(M) dt. 22/05/2013 Total MLA - 138.848 Ha	25000 to 1800000 and 1800000 to 7552000	No.8-63/1999/FCdt.18/06/11	1) Environment clearance is subject to obtaining clearance under the Forest Conservation Act. 1980 for working in forest area. 2) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection Act. 1972 from the competent authority. 3) Appropriate mitigative measures should be taken to prevent polution of Karo river and koina river in consutation with State Pollution Board. 4) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant, panther etc. in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
6	Singhbhum Minerals co. (Transfer in the name of Ram Minerals Co.) Khasjamda, Noamundi (265.88)	J - 11015/873/2007 IA. II(M) dt. 05/11/2008 Total MLA - 265.88 Ha	4200 to 100000	No. 10- 156 FCE dt. 13/25.11. 1997	1) Necessary Forestry clearance under the Forest Conservation Act. 1980 for an area of 129.22 ha forest land shall be obtained before starting mining operation in that area. 2) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection Act. 1972 from the competent authority. 3) Appropriate mitigative measures should be taken to prevent polution of Karo river in consutation with State Pollution Board. 4) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
7	Shri Anilkumar Khirval, Bandhburu(Noamundi PF), Noamundi (22.53)	J - 11015/142/2007 IA. II(M) dt. 13/04/2011 Total MLA - 19.331 Ha	39000 to 74000	No.- 12(21)5/2 002-FCE dt.03.08.2009	1) Environment clearance is subject to obtaining clearance under the Forest Conservation Act. 1980 for diversion of forest land. 2) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection Act. 1972) from the competent authority. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant and sloth beer etc. in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
8	M/s Shah Brothers Karampada Iron Ore Mines, Karampada RF, Manoharpur (233.89)	J - 11015/24/2006 IA. II(M) dt. 23/01/2007 Total MLA - 233.99 Ha	60000 to 100000	No.8-127/2002 /FC dt.19/05/2005	1) Appropriate mitigative measures should be taken to prevent pollution of Karo river in consultation with State Pollution Board. 2) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant and leopard, wolf etc in consultation with local Forest and Wild Life department. 3) The EC is subject to grant of Forestry clearance. Necessary FC under the Forest Conservation Act. 1980 for an area of 233.99 ha forest land shall be obtained before starting mining operation in that area.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
9	M L Jain And Sons. Karampada RF, Noamundi (202.35)	J - 11015/318/2006 IA. II(M) dt. 15/12/2008 Total MLA - 202.03 Ha	90000	No. 8-89/2005-FC dt.27.07.2007	1)Necessary forestry clearance under the Forest Conservation Act. 1980 for an area of 202.3 ha forest land shall be obtained before starting mining operation in that area. 2)Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection Act. 1972) from the competent authority. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant and sloth beer etc in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
12	M/s.SAIL, Meghahatuburu Iron Ore Mine Project lease-I Mining Area. Kiriburu, Karampada RF, Manoharpur (81.97)	J - 11015/05/ 2006 IA. II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	5000000	No. 8- 97/2001- FC dt.08.12.2 003	1)Necessary forestry clearance under the Forest (Conservation) Act. 1980 for total lease area shall be obtained from thr competent authority before starting mining operation.Environment clearance is subject to grant of Forestry clearance. 2) Appropriate mitigative measures should be taken to prevent polution of Karo river and Koina river in consutation with State Pollution Board. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely leopard, elephant, sloth beer, woolf, gaur, python etc. spotted in the study area. The wildlife management plan as approved by the Cheif Wildlife Warden, Govt. of Jharkhand shall be effectively implemented.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
13	M/s Usha Martin Ghatkuri Iron Ore Mines, Ghatkuri RF, Noamundi (155.078)	J - 11015/48/2001 IA. II(M) dt. 19/04/2005 Total MLA - 155.078 Ha & Corrigendum Dt. 29/05/2006 J - 11015/507/2007 IA. II(M) dt. 22/12/2008 Total MLA - 155.078 Ha J - 11015/306/2009 IA. II(M) dt. 17/12/2009 Total MLA - 155.078 Ha	650000 650000 to 2500000 2500000 to 4000000	No. 12/(21)51 /04/FCE dt 12/07/20 05	1)Necessary forestry clearance under the Forest Conservation Act. 1980 for an area of 115.078 ha forest land shall be obtained before starting mining operation in that area. 2)Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection Act. 1972) from the competent authority. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant, leopard and woolf etc in consultation with local Forest and Wild Life department. 4) Appropriate mitigative measures should be taken to prevent polution of Karo river and Koina river in consutation with State Pollution Board.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
14	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Maclilan Budhaburu Iron Ore Mines), Ankula RF, Manoharpur (823.83)	J - 11015/249/2009 IA. II(M) dt. 23/03/2011 Total MLA - 823.83 Ha	4200000	No.08-251/1987 /FC dt.15/12/1987 has expired Stage-I clearance No. 8-70/2009- Fc dt. 09.03.2011	1) Environment clearance is subject to obtaining clearance under the Forest Conservation Act. 1980 for diversion of forest land. 2) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection) Act. 1972 from the competent authority. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant, python, Indian woolf and sloth beer etc. in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
15	Shri Aninindata Traders & Investment Ltd. Parambaljodi Noamundi (47.15)	J - 11015/82/2008 IA. II(M) dt. 15/02/2012 Total MLA - 47.15 Ha	133380	NA	1) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection) Act. 1972 from the competent authority as may applicable to this project. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant, and sloth beer etc.spotted in the study area. Action plan for conservation of flora and fauna prepared shall be implemented in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
16	M/s Orissa Ghatkuri Iron Ore Manganese & Minerals. Ghatkuri RF, Noamundi (275.19)	J - 11015/488/2007 IA. II(M) dt. 20/02/2009 Total MLA - 275.52 Ha	600000	yes dt.21/10/2008 No.8/76/1999/FC	1) Necessary forestry clearance under the Forest (Conservation) Act. 1980 for an area of 275.52 ha forest land shall be obtained before starting mining operation in that area. 2) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection) Act. 1972 from the competent authority. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection
		J - 11015/12/2009 IA. II(M) dt. 15/04/2010 Total MLA - 275.52 Ha	600000 to 2000000		

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
17	M/s.SAIL, Meghahatuburu Iron Ore Mine Project lease-I Mining Area. Kiriburu, Karampada RF, Manoharpur (1936.14)	J - 11015/05/ 2006 IA. II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	5000000	Yes dt 01/08/19 96 No.8- 69/1991- FC & again stage-I is approved dt 28/03/20 10 No.8- 69/91-FC	1)Necessary forestry clearance under the Forest (Conservation) Act. 1980 for total lease area shall be obtained from thr competent authority before starting mining operation.Environment clearance is subject to grant of Forestry clearance. 2) Appropriate mitigative measures should be taken to prevent polution of Karo river and Koina river in consutation with State Pollution Board. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely leopard, elephant, sloth beer, woolf, gaur, python etc. spotted in the study area. The wildlife management plan as approved by the Cheif Wildlife Warden, Govt. of Jharkhand shall be effectively implemented.
		J - 11015/05/ 2006 IA. II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	0 5000000		

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
18	M/s.SAIL, Mamohapur Iron ore Mine Chiriya (Ajitaburu Iron Ore Mine) Budhaburu Ankua RF , Manoharpur (323.83)	J - 11015/505/ 2007 IA. II(M) dt. 31/03/2011 Total MLA - 323.83	2800000	No.8- 70/2009- FC dt.09.03.2 011	1) Environment clearance is subject to obtaining clearance under the Forest (Conservation) Act. 1980 for diversion of forest land. Mine working shall be restricted to the area for which forestry clearance has been obtained. 2) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection) Act. 1972 from the competent authority, as may be applicable to this project. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely leopard, elephant, sloth beer, woolf, gaur, python etc. spotted in the study area. The wildlife management plan as approved by the Cheif Wildlife Warden, Govt. of Jharkhand shall be effectively implemented.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
19	Tata Steel Ltd. Noamundi (1160.36)	J - 11015/49/2003 IA. II(M) dt. 06/04/2005 Total MLA - 1160.06 Ha J - 11015/159/2007 IA. II(M) dt. 26/08/2008 Total MLA - 1160.06 Ha	4650000 to 76000000 and 7600000 to 10000000	No.8- 279/85- FC dt.23.04.1 999 and No.8- 279/85- FC (Vol.I) dt.06.11.2 007	1) Necessary forestry clearance under the Forest (Conservation) Act. 1980 for an area of 762.43 ha forest land shall be obtained before starting mining operation in that area. 2) Appropriate mitigative measures should be taken to prevent pollution of Baitarni river in consultation with State Pollution Board. 3) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant, rhesus macacu, sloth bear and wolf etc in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
20	Shri Nirmal Kumar, Pradip Kumar, (Meralgaraha) Noamundi (66.781)	J - 11015/32/2010 IA. II(M) dt. 21/12/2012 Total MLA - 66.781 Ha	62000 to 343000	No.10- 120/FCE dt.03.07.1 996	1) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection) Act. 1972 from the competent authority. 2) The project proponent shall seek and obtained, within a period of two years approval under the FC Act for diversion if entire forest land located within the mining lease. 3) Measures for conservation of flora and fauna observed in the study area shall be under taken. Wildlife conservation plan shall be implemented in consultation with state forest and wild life department. 4) Appropriate mitigative measures should be taken to prevent polution of Karo river in consutation with State Pollution Board.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
21	Padamkumar Jain Thakurani Noamundi (84.68)	J - 11015/48/2006 IA. II(M) dt. 24/09/2008 Total MLA - 84.68 Ha	47000 to 1300000	No.8- 17/95-FC dt.29.10.1 996	1) Necessary forestry clearance under the Forest (Conservation) Act. 1980 for an area of 65.68 ha forest land shall be obtained before starting mining operation in that area. 2) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant, and leopard etc in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
22	Nirmal Kumar, Pradip Kumar Ghatkuri RF (149.7343)	J-11015/15/ 2010-IA. II(M) dt. 21.12.2012 MLA - 149.7343 ha.	44000 to 403000	No.10-119/FEC dt.14.07.1995	1) Necessary forestry clearance under the Forest (Conservation) Act. 1980 for an area of 65.68 ha forest land shall be obtained before starting mining operation in that area. 2)Project propnent shall seek and obtained clearance under the Wild Life (Protection Act. 1972) from the standing committee of the NBWL, as and when required. 3)The mine is located withinSinghbhum elephant reserve. Karo-Karampada elephant corridore is ata distance at 8km from the mine lease.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
23	SAIL, Gua Ore Mines Gua, Duaruiburu Mines (1443.756)	J-11015/453/ 2008- IA. II(M) dt. 25.03.2013 MLA - 1443.756 ha.	2500000	No.8- 251/FEC dt.15.12.1 987	1) Project proponent will seek and obtain FC Act within a period of two years from 01.02.2013 under the Forest (Conservation) Act. 1980 2) Environmental clearance is subject to obtaining clearance under the Wild Life (Protection) Act. 1972 from the competent authority, as may be applicable to this project. 3) The entire mine lease area falls within the core zone of Singhbhum Elephant Reserve. Karo Karam pada elephant corridor touched the southern boundary of the buffer zone of the mine. 4) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna namely elephant, sloth bear, palm civet, panther, mouse deer etc etc in consultation with local Forest and Wild Life department.

Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
24	SAIL, Manoharpur Iron Ore Mine Chiriya (Sukrihuturburu Iron Ore Mines) (609.554)	J-11015/247/ 2009- IA. II(M) dt. 10.06.2013 MLA - 609.554 ha.	750000	No.8- 70/FEC dt.07.03.2 011 and stage-I clearance no. 8- 70/2009- FC dt. 09.003.20 11	1) Environment clearance is subject to obtaining clearance under the Forest (Conservation) Act. 1980 2) Enviromental clearance is subject to obtaining clearance under the Wild Life (Protection) Act. 1972 from the competent authority, as may be applicable to this project. 3) The entire mine lease area falls within the core zone of Singhbhum Elephant Reserve.

Annexure-XIV					
List of Mining lease where Environment Clearance have been granted without stipulating conditions for obtaining clearance from competent authority under Wildlife Protection Act, 1972.					
Sl. No.	Name of the lessee	EC approval No. and date	Upper limits From -- To	FC approval date and No.	EC Condition
1	2	3	4	5	6
1	Shri Vijaykumar Ojha, BadaBaljori, Noamundi (21.19) Manganese	J - 11015/1043/ 2007 IA. II(M) dt. 14/07/2008 Total MLA - 21.246 Ha	0 510.72	No FC	1) The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, such as elephant, sloth beer etc. 2) Appropriate mitigative measures should be taken to prevent polution of Karo river, if any, and other water dodies in consutation with State Pollution Board.

Annexure - XV							
Statement showing yearwise Illegal and Unlawful Production done by Lessees without EC and in Excess of EC							
Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
1	Shri Vijaykumar Ojha, BadaBaljori, Noamundi (21.19) Mangancsc	J - 11015/1043/2007 1A. II(M) dt. 14/07/2008 Total MLA - 21.246 Ha	0 510.72	20/01/1971			1993-94 00 1994-95 3137.2 1995-96 6611.2 1996-97 1872 1997-98 4548.8 1998-99 7016 1999-00 2590.8 2000-01 2272.340 2001-02 848.75 2002-03 3867.85 2003-04 1236.2 2004-05 2729.05 2005-06 639 2006-07 522.9 2007-08 73.35 2008-13 00 Total =37965.44
2	Rungta Mines(Meralgar a), Meralgadha, Noamundi (122.02)	J - 11015/596/2007 1A. II(M) dt. 20/08/2008 Total MLA - 122.017 Ha	0 360000	21/11/1994	1994-05 00 2005-06 5350.910 2006-07 407405.890 2007-08 150859.450 2008-13 00 Total = 563616.25	1993-06- 00 2006-2007 - 407406 2007-2008- 150859 2008-2013- 00 Total :- 558265	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
3	Shri Rameshwar Jute Mills, Baraiburu, Noamundi (258.99)	J - 11015/1147/ 2007 IA. II(M) dt. 15/04/2011 Total MLA - 258.98968 Ha	Iron 30000 2260000 Manganese 300 4000	04/03/1986	1993 - 95 00 1995-96 21104 1996-97 27205 1997-98 784 1998-99 3242 1999-00 4056 2000-01 774 2001-02 25 2002-03 135 2003-04 50 2004-05 120 2005-06 360 2006-07 2000 2007-08 234339 2008-09 253316 2009-10 180616 2010-11 210299 2011-13 00 Total = 938425	1993-2007- 00 2007-2008- 234339 2008-2009- 253317 2009-2010 - 180616 2010-2011- 210299 2011-2013- 00 Total :- 878571	1993- 01 00 2001-02 179 2002-03 291 2003-04 00 2004-05 288 2005-08 00 2008-09 303 2009-10 257 2010-12 00 Total = 1318

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
4	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Dhobil Iron Ore Mines),Budhab uru, Ankula RF, Manoharpur (512.95)	J - 11015/251/2 009 1A. II(M) dt. 24/01/2012 Total MLA - 513.036 Ha	0 750000	07/03/1978	1993 -94 00 1994-95 92974.450 1995-96 68261.580 1996-97 155183.400 1997-98 97722.100 1998-99 102940.600 1999-00 142564.900 2000-01 336994.500 2001-02 282810.000 2002-03 273463.300 2003-04 300328.700 2004-05 311058.700 2005-06 438590.000 2006-07 790127.200 2007-08 964527.000 2008-09 558748.980 2009-10 683968.000 2010-11 305035.000 2011-12 00 Total = 5905298.41	1993-01- 00 2001-2002- 254972 2002-2003- 191424 2003-2004- 210230 2004-2005 - 217726 2005-2006- 307013 2006-2007 - 821917 2007-2008- 964527 2008-2009- 558749 2009-2010 - 683968 2010-2011- 313846 2011-2013- 00 Total :- 4524372	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
5	Rungta Mines (Ghatkuri RF), Noamundi; (138.85)	J - 11015/198/2 006 1A. II(M) dt. 15/04/2008 Total MLA - 138.848 Ha and J - 11015/57/20 10 1A. II(M) dt. 22/05/2013 Total MLA - 138.848 Ha	25000 1800000 and 1800000 7552000	23/01/1999	1993-03 00 2003-04 170866.300 2004-05 533049 2005-06 474121 2006-07 615470.740 2007-08 883584.125 2008-13 00 Total=2677091.165	1993-03- 00 2003-2004 170866 2004-2005 533049 2005-2006 474121 2006-2007 615471 2007-2008 883584 2008-2013 00 Total :- 2677091	
	Area 27.518 Ha (In Past)				1994-97 00 1997-98 28000 1998-99 15500 1999-01 00 Total = 43500		
	Area 202.349 Ha (In Past)						

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
6	Singhbhum Minerals co. (Transfer in the name of Ram Minerals Co.) Khasjamda. Noamundi (265.88)	J - 11015/873/2 007 IA. II(M) dt. 05/11/2008 Total MLA - 265.88 Ha	4200 100000	14/01/1992	1993-03 00 2003-04 4155.577 2004-05 59590.57 2005-06 52384.815 2006-07 174,400 2007-09 00 2009-10 35291 2010-11 497186 2011-12 83642.470 2012-13 00 Total 732424.832	1993-03 00 2003-2004- 4156 2004-2005 - 15378 2005-2006- 50000 2006-2007 - 174400 2007-2009- 00 2009-2010 - 35291 2010-2011- 497186 2011-2012- 40927 2012-2013- 00 Total :- 817338	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
7	Shri Anilkumar Khirval, Bandhburu (No amundi PF), Noamundi (22.53)	J - 11015/142/2 007 IA. II(M) dt. 13/04/2011 Total MLA - 19.331 Ha	39000 74000	30/04/2002	1993-94 00 1994-95 12085.00 1995-96 24101.00 1996-97 20756.00 1997-98 16178.00 1998-99 688.00 1999-01 00 2001-02 3540.00 2002-04 00 2004-05 59644.00 2005-09 00 2009-10 5875.840 2010-11 6936.760 2011-13 00 Total = 149804.6	1993-94- 00 1994-95- 12085 1995-96- 24101 1996-13 00 Total :- 36186	
8	M/s Shah Brothers Karampada Iron Ore Mines, Karampada RF, Manoharpur (233.89)	J - 11015/24/20 06 IA. II(M) dt. 23/01/2007 Total MLA - 233.99 Ha	60000 100000	09/07/2002	1993-04 00 2004-05 232061 2005-06 115810 2006-13 00 Total = 347871	1993-04 00 2004-2005 - 232061 2005-2006- 1287006 2006-2007 - 00 2007-2008- 451490 2008-2009- 619576 2009-2010 - 621199 2010-2011- 886673 2011-2013- 00 Total :- 4098005	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
9	M L Jain And Sons. Karampada RF, Noamundi (202.35)	J - 11015/318/2 006 1A. II(M) dt. 15/12/2008 Total MLA - 202.03 Ha	0 90000	26/05/2003	1993-95 00 1995-96 53947 1996-97 42446 1997-98 21416 1998-99 26403 1999-00 38777 2000-01 28361 2001-02 1806 2002-03 7754 2003-04 117187 2004-05 35121 2005-07 00 2007-08 3984.565 2008-09 203090.700 2009-10 126264.460 2010-11 86123 2011-12 96890.240 2012-13 00 Total 889570.965	1993-95- 00 1995-96- 53947 1996-97- 42446 1997-98- 00 1998-99- 26403 1999-2000- 38777 2000-2001- 28361 2001-2002- 1806 2002-2003- 7754 2003-2004- 117187 2004-2005 - 35121 2005-2007- 00 2007-2008- 3985 2008-2009- 203091 2009-2010 - 126265 2010-2013- 00 Total :- 685143	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
10	M/s Devkabai Velji Ghatkuri Iron Ore Mines, Ajitaburu Ghatkuri RF, Noamundi (46.62)	J - 11015/377/2 007 1A. II(M) dt. 16/01/2009 Total MLA - 46.62 Ha	Iron 0 600000 Manganese 0 4275	03/08/1983	1993-07 00 2007-08 300787.008 2008-13 00 Total 300787.008	1993-07- 00 2007-2008- 317937 2008-2013- 00 Total :- 317937	1993-99 00 1999-00 11838.237 2000-07 00 2007-08 7561.009 2008-09 11141 2009-10 625 2010-13 00 Total 31165.246

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
11	M/s Usha Martin Ghatkuri Iron Ore Mines, Ghatkuri RF, Noamundi (155.078)	J - 11015/48/20 01 IA. II(M) dt. 19/04/2005 Total MLA - 155.078 Ha & Corrigendum Dt.	0 650000	17/08/2025		1993-07- 00 2007-2008- 239932 2008-2013- 00 Total :- 239932	
		J - 11015/507/2 007 IA. II(M) dt. 22/12/2008 Total MLA - 155.078 Ha	650000 2500000				
		J - 11015/306/2 009 IA. II(M) dt. 17/12/2009 Total MLA - 155.078 Ha	2500000 4000000				

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
12	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Macilani Budhaburu Iron Ore Mines), Ankula RF, Manoharpur (823.83)	J - 11015/249/2 009 IA. II(M) dt. 23/03/2011 Total MLA - 823.83 Ha	0 4200000	07/12/1975		1993-01- 00 2001-2002- 4497 2002-2003- 15509 2003-2004- 39722 2004-2005 - 97193 2005-2006- 134566 2006-2013 - 00 Total:- 291487	
13	M/s Orissa Ghatkuri Iron Ore Manganese & Minerals. Ghatkuri RF, Noamundi (275.19)	J - 11015/488/2 007 IA. II(M) dt. 20/02/2009 Total MLA - 275.52 Ha	0 600000	08/08/1996 + 3467 Days	193-95 00 1995-96 22879 1996-97 30355.00 1997-09 00 2009-10 614072.022 2010-13 00 Total: 667306.022	1993-09- 00 2009-2010 - 614072 2010-2013- 00 Total :- 614072	
		J - 11015/12/20 09 IA. II(M) dt. 15/04/2010 Total MLA - 275.52 Ha	600000 2000000				

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
14	M/s.SAIL, Meghahatuburu Iron Ore Mine Project lease-I Mining Area. Kiriburu, Karampada RF. Manoharpur (1936.14)	J - 11015/05/2006 IA. II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of SAIL)	0 5000000	27/03/1990	1993-94 00 1994-95 156461 1995-96 268567 1996-97 750162 1997-98 880897 1998-99 622671 1999-00 187061 2000-01 00 2001-02 231846 2002-03 512433 2003-04 893662 2004-05 901770 2005-06 1180120 2006-13 00 Total = 6585650	MEGHAHATUBURU 1993-94- 00 1994-95-3329960 1995-96- 3500735 1996-97-3736785 1997-98- 00 1998-99-3442995 1999-2000-3122325 2000-2001-2948085 2001-2002-3168810 2002-2003-3458925 2003-2004-3817170 2004-2005-3749085 2005-2006-4048470 2006-2013-00 Total : 38323345	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
		J - 11015/05/ 2006 IA. II(M) dt. 27/12/2006 Total MLA - 3949.47 ha (combine with 3 other Lease of Sail)	0 5000000		1993-94 00 1994-95 543079 1995-96 587592 1996-97 613786 1997-98 752751 1998-99 919950 1999-00 641707 2000-01 390089 2001-02 880968 2002-03 1037279 2003-04 1043009 2004-05 1052192 2005-06 1134157 2006-13 00 Total = 9596559	KIRUBURU 1993-94- 00 1994-95- 3104722 1995-96- 3138913 1996-97- 3174976 1997-98- 00 1998-99- 3485843 1999-2000-3207600 2000-2001-3590055 2001-2002-3982725 2002-2003-4170600 2003-2004-4307265 2004-2005-4430115 2005-2013- 00 Total :- 36592814	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
15	Tata Steel Ltd. Noamundi (1160.36)	J - 11015/49/20 03 IA. II(M) dt. 06/04/2005 Total MLA - 1160.06 Ha J - 11015/159/2 007 IA. II(M) dt. 26/08/2008 Total MLA - 1160.06 Ha	4650000 7600000 and 7600000 10000000	31/12/1981	1993-94 00 1994-95 4040435 1995-96 4040366 1996-97 4020617 1997-98 4146999 1998-99 3971803 1999-00 4194821 2000-01 4603399 2001-02 4756607 2002-03 4856156 2003-04 4279352 2004-05 5217941 2005-13 00 Total = 48128496	1993-94- 00 1994-95- 4066100 1995-96- 4347655 1996-97- 4316600 1997-98- 00 1998-99- 4487550 1999-2000- 4635017 2000-2001- 5114050 2001-2002- 4909000 2002-2003- 5085838 2003-2004- 4947857 2004-2005 -5445774 2005-2013- 00 Total :- 47355441	
16	Shri Nirmal Kumar, Pradip Kumar, (Meralgaraha) Noamundi (66.781)	J - 11015/32/20 10 IA. II(M) dt. 21/12/2012 Total MLA - 66.781 Ha	62000 343000	24/11/1991	1993-07 00 2007-08 112858.260 2008-09 132745.810 2009-10 49436.472 2010-11 43346.320 2011-12 9012 2012-13 00 Total 347398.862	1993-07- 00 2007-2008- 112858 2008-2009- 132746 2009-2010 - 49436 2010-2011- 43346 2011-2012- 9012 2012-2013- 00 Total = 347398	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
17	Padamkumar Jain Thakurani Noamundi (84.68)	J - 11015/48/2006 IA. II(M) dt. 24/09/2008 Total MLA - 84.68 Ha	47000 1300000	31/12/2012	1993-03 00 2003-04 442990.190 2004-05 922675.560 2005-06 1104360.950 2006-07 1671910.170 2007-08 1982055.955 2008-09 713875.955 2009-10 620027.560 2010-11 385441.670 2011-13 00 Total 7843338.01	1993-95- 00 1995-96- 55004 1996-97- 68722 1997-98- 00 1998-99- 15645 1999-2000- 5653 2000-2001- 18836 2001-2002- 14785 2002-2003- 13160 2003-2004- 44290 2004-2005 - 922675 2005-2006- 1104360 2006-2007 - 1671910 2007-2008- 1982056 2008-2009- 713876 2009-2010 -620028 2010-2011- 385441 2011-2013- 00 Total :- 7636441	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
18	Shri Nirmal Kumar, Pradip Kumar, Ghatkuri RF, Noamundi (149.173)	j - 11015/15/20 10 IA -IIA(M) DT.21.12.201 2 Total MLA 149.173 (Ha)	44000 403000	27/07/1993	1993-03 00 2003-04 273329.450 2004-05 522942.700 2005-06 649190.930 2006-07 637340.560 2007-08 476246.380 2008-09 628841.520 2009-10 283267.610 2010-11 298561.330 2011-12 82050 2012-13 00 Total = 3851770.48	1993-03- 00 2003-2004- 222610 2004-2005 - 522942 2005-2006- 649191 2006-2007 - 637341 2007-2008- 476246 2008-2009- 628841 2009-2010 - 283268 2010-2011- 298561 2011-2012- 82050 2012-2013- 14430(P) Total :- 3801050	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
19	M/s.SAIL, Gua Ore Mines Gua, Duaruiburu Mines Ghatkuri RF), Noamundi (1443.76)	J - 11015/453/2 008 IA. II(M) dt. 25/03/2013 Total MLA - 1443.76 Ha	Iron 0 12500000 Manganese 0	21/02/1979	1993-94 00 1994-95 2602673.760 1995-96 1919543.600 1996-97 2113189.500 1997-98 884366.100 1998-99 842552.000 1999-00 1097493.020 2000-01 1627207.600 2001-02 1473966.000 2002-03 154481.560 2003-04 1442309.500 2004-05 1470080.000 2005-06 2301692.880 2006-07 1617383.650 2007-08 1871004.710 2008-09 1117912.550 2009-10 1589149.750 2010-11 1637493.250 2011-12 448397.000 2012-13 00 Total =26210896.43	1993-94- 00 1994-95- 2592774 1995-96- 3418991 1996-97- 3893546 1997-98 -2972266 1998-99- 2848498 1999-2000- 2952573 2000-2001- 2790963 2001-2002- 2699358 2002-2003- 2602134 2003-2004- 2546155 2004-2005 - 2282192 2005-2006- 2620667 2006-2007 - 2370140 2007-2008- 2584090 2008-2009- 2584090 2009-2010 - 2147645 2010-2011- 2378504 2011-2012-543562 2012-2013- NIL(P) Total :- 46828148	1994-08 00 2008-09 12000 2009-10 00 2010-11 40000 2011-12 8000 Total = 60000

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
20	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Sukriluturburu Iron Ore Mines), Ankula R F, Manoharpur (609.57)	J - 11015/247/2009 IA. II(M) dt. 10/06/2013 Total MLA - 609.57 Ha	0 750000	24/03/1979	1993-94 00 1994-95 88957.680 1995-96 56821.874 1996-97 72930.423 1997-98 4703.966 1998-99 62987.851 1999-00 95156.629 2000-01 170151.210 2001-02 200034.630 2002-03 290559.270 2003-04 307034.790 2004-05 282625.370 2005-06 269048.890 2006-07 400348 2007-08 471375.010 2008-09 228592.560 2009-13 00 Total = 3001328.153	1993-01- 00 2001-2002- 175030 2002-2003- 203391 2003-2004- 214924 2004-2005 - 197838 2005-2006- 188334 2006-2007 - 394277 2007-2008- 471375 2008-2009- 228592 2009-2013 - 00 Total :- 2073761	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
21	Smt. Mitra Ghose/ shri Samir kumar Ghose, Noamundi (20.07)	No Env.Cls issued to the Project	-	07/01/1993 (Rejected by State Government on 27/07/2010)	1994-05 00 2005-06 11000 2006-07 15000 2007-08 36000 2008-09 79000 2009-11 00 2011-12 37000 Total = 178000	1993-94- 00 1994-95- 8331 1995-96- 5482 1996-97- 6851 1997-98- 00 1998-99- 1775 1999-2000- 6164 2000-2001- 5583 2001-2002- 4770 2002-2003- 3430 2003-2004- 13162 2004-2005 - 12173 2005-2006- 10935 2006-2010 - 00 2010-2011- 2607 2011-2013- 00 Total :- 81263	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
22	Shri Khatau Liladhar Thakkar, Kumirta, Noamundi (30.84)	No Env.Cls issued to the Project	-	05/06/1973	1993-94 00 1994-95 128 1995-96 260 1996-97 300 1997-98 1170 1998-99 1657 1999-00 1014 2000-01 925 2001-02 483 2002-03 898 2003-04 3087 2004-05 4141 2005-06 8747 2006-07 10339 2007-08 14654 2008-09 5929 2009-10 4061 2010-11 13700 2011-12 3870 2012-13 00 Total = 75363	1993-95- 00 1995-96- 260 1996-97- 300 1997-98- 1170 1998-99- 1657 1999-2000- 1014 2000-2001- 925 2001-2002-483 2002-2003- 898 2003-2004- 3087 2004-2005 - 4141 2005-2006- 8747 2006-2007 - 10339 2007-2008- 22192 2008-2009- 5929 2009-2010 - 4061 2010-2011- 13700 2011-2012- 3870 2012-2013- 00 Total :- 82773	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
23	T P Sao, Ghatkuri RF, Noamundi (202.35)	No Env.Cls issued to the Project	-	03/01/1993		1993-94- 00 1994-95- 518 1995-13- 00 Total :- 518	
24	Shri Khushal Arjun Rathor, Noamundi PF, Noamundi (31.97)	No Env.Cls issued to the Project	-	10/11/1999	1993-95 00 1995-96 2318 1996-97 2700 1997-98 821 1998-99 550 1999-13 00 Total = 6389		

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
25	Shri Chandra Prasad, Itarbaljori, Noamundi (57.47)	No Env.Cls issued to the Project	..	28/07/2003	1993-94 00 1994-95 647.00 1995-96 718.00 1996-97 633.500 1997-98 00 1998-99 205.500 1999-00 522.500 2000-01 565.00 2001-02 370.00 2002-03 648.00 2003-04 618.00 2004-05 821.00 2005-06 1606.450 2006-07 558.00 2007-08 00 2008-09 760.00 2009-10 665.00 2010-11 5747.00 2011-12 5248.510 Total = 20333.46	1993-94- 00 1994-95- 647 1995-96- 718 1996-97- 633 1997-98- 00 1998-99- 206 1999-2000- 523 2000-2001- 565 2001-2002- 370 2002-2003- 648 2003-2004- 618 2004-2005 - 821 2005-2006- 1643 2006-2007 - 558 2007-2008- 00 2008-2009- 760 2009-2010 - 665 2010-2011- 5747 2011-2012- 5248 2012-2013- 00 Total :- 20370	

Sr No	Name of the lease	Quantity approved (MT)		Date of Expire of Lease	Unlawful / Illegal production based on DMG Data for Iron (MT)	Unlawful / Illegal production based on IBM Data for Iron (MT)	Unlawful / Illegal production based on DMG Data for Manganese (MT)
		EC Approval Order No. and Date	Upper limits From -- To				
1	2	3	4	5	6	7	8
26	Padamkumar Jain Rajabeda, Manoharpur (41.639)	No Env.Cls issued to the Project	--	28/02/2008	1993-95 00 1995-96 27145 1996-97 6565 1997-98 20749.420 1998-99 27874.500 1999-00 5145 2000-04 00 2004-05 1105.558 2005-06 18323.658 2006-07 17712.974 2007-08 7707.047 2008-09 5706.976 2009-10 1024.930 2010-11 64375.386 2011-12 5680.330 2012-13 00 Total = 209115.77	1993-95- 00 1995-96- 27145 1996-97- 11034 1997-98- 00 1998-99- 28699 1999-2000- 5145 2000-2005- 00 2005-2006- 18245 2006-2007 - 17713 2007-2008- 6811 2008-2009- 6914 2009-2010 - 1025 2010-2011- 64375 2011-2012- 5680 2012-2013- 00 Total :- 192786	

Annexure - XVI						
Difference of yearwise total production of Iron Ore as per DMG & IBM Data for the Years 1993-94 to 2011-12 (Production in MT)						
Sr. No.	Year	As Per DMG Data (MT)	As Per IBM Data (MT)	Difference of IBM & DMG Production (MT)	Sale Price Per MT (Rs.)	Mineral Value of difference of Production (Rs.)
1	2	3	4	5	6	7
1	1993-94	8708626.80	12056741.00	3348114.20	130	435254846.00
2	1994-95	12883117.89	13187034.00	303916.11	139	42244339.29
3	1995-96	12519482.50	14649394.00	2129911.50	139	296057698.50
4	1996-97	13254230.30	15254595.00	2000364.70	164	328059810.80
5	1997-98	12210373.59	2973436.00	9236937.59	181	1671885703.79
6	1998-99	12003204.85	14426621.00	2423416.15	231	559809130.65
7	1999-00	11673940.58	14012871.00	2338930.42	226	528598274.92
8	2000-01	12428028.91	14524981.00	2096952.09	351	736030183.59
9	2001-02	13115201.86	15237040.00	2121838.14	280	594114679.20
10	2002-03	12468520.23	15820497.00	3351976.77	300	1005593031.00
11	2003-04	14605604.66	16748800.00	2143195.34	646	1384504189.64
12	2004-05	16854826.57	18708066.00	1853239.43	1359	2518552385.37
13	2005-06	18169096.33	16004337.00	2164759.33	1800	3896566794.00
14	2006-07	19344118.60	21732809.00	2388690.40	1520	3630809408.00
15	2007-08	21048899.84	24344302.00	3295402.16	3753	12367644306.48
16	2008-09	20337445.10	24596349.00	4258903.90	4287	18257921019.30
17	2009-10	22608730.15	25060159.00	2451428.85	4136	10139109723.60
18	2010-11	22448471.32	26405111.00	3956639.68	5034	19917724149.12
19	2011-12	18911747.91	20465919.00	1554171.09	5496	8541724310.64
Total		295593667.99	326209062.00	53418787.85		86852203983.89

Annexure-XVII				
Difference of Leasewise total production (1993-94 to 2012-13) of Iron Ore as per DMG & IBM Data (MT)				
Sr No	Name of the Lease	Total Production as per DMG Data (MT)	Total Production as per IBM Data (MT)	Difference of IBM & DMG Production
1	2	3	4	5
1	Smt. Mitra Ghose/ Shri Samir kumar Ghose, Noamundi (20.07)	178000.0	87048	90952
2	Shri Khatau Liladhar Thakkar, Kumirta, Noamundi (30.84)	75604.0	82773	7169
3	Shri Nirmal Kumar, Pradip Kumar, Ghatkuri RF, Noamundi (149.173)	4247655.224	3875010	372645
4	T P Sao,Ghatkuri RF, Noamundi (202.35)	14740.0	15258	518
5	Rungta Mines (Meralgara), Meralgadha, Noamundi (122.02)	1004084.87	987728	16357
6	M/s R Medill & Co. Karampada RF, Noamundi (110.08)	11454.0	11454	0.00
7	Shri Rameshwar Jute Mills, Baraiburu, Noamundi (258.99)	970518.0	921014	49504
8	Singhbhum Minerals Co.Karampada RF. Noamundi (141.64)	2055.5	2055.0	1.00
9	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Dhobil Iron Ore Mines), Budhaburu, Ankula RF, Manoharpur (512.95)	6210243.41	5180053	1030190

Sr No	Name of the Lease	Total Production as per DMG Data (MT)	Total Production as per IBM Data (MT)	Difference of IBM & DMG Production
1	2	3	4	5
10	Rungta Mines (Ghatkuri RF), Noamundi (138.85)	11223875.78	10988916	234960
	Area 27.518 Ha (In Past)	46081.0	0	46081
	Area 202.349 Ha (In Past)	153586.0	0	153586
11	Shri Khushal Arjun Rathor, Noamundi PF, Noamundi (31.97)	6437	0	6437
12	Singhbhum Minerals co. (Transfer in the name of Ram Minerals Co.) Khasjamda, Noamundi (265.88)	1036825.822	1190923	154097
13	Shri Anilkumar Khirval, Bandhburu(Noamundi PF), Noamundi (22.53)	170513.52	51872	118642
14	M/s Shah Brothers Karampada Iron Ore Mines, Karampada RF, Manoharpur (233.89)	1053308.53	4810467	3757158
15	M L Jain And Sons. Karampada RF, Noamundi (202.35)	1268308.965	1145004	123305
16	M/s Devkabai Velji Ghatkuri Iron Ore Mines, Ajitaburu Ghatkuri RF, Noamundi (46.62)	2486032.153	2529133	43101

Sr No	Name of the Lease	Total Production as per DMG Data (MT)	Total Production as per IBM Data (MT)	Difference of IBM & DMG Production
1	2	3	4	5
17	Shri Chandra Prasas, Itarbaljori, Noamundi (57.47)	20822.96	20859	36
18	M/s Usha Martin Ghatkuri Iron Ore Mines, Ghatkuri RF, Noamundi (155.078)	8388041.87	8786195	398153
19	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Macilian Budhaburu Iron Ore Mines), Ankula RF, Manoharpur (823.83)	0	291487	291487
20	M/s Orissa Ghatkuri Iron Ore Manganese & Minerals. Ghatkuri RF, Noamundi (275.19)	4230275.262	4567258	336983
21	Padamkumar Jain Rajabeda, Manoharpur (41.639)	210805.779	196363	14443
22	M/s.SAIL, Meghahatuburu Iron Ore Mine Project lease-I Mining Area. Kiriburu, Karampada RF, Manoharpur (1936.14)	68110517.0	103717274	35606757
	M/s.SAIL, Meghahatuburu Iron Ore Mine Project lease-I Mining Area. Kiriburu, Karampada RF, Manoharpur (1936.14)	69516005.66	69020123	495883
23	M/s.SAIL, Gua Ore Mines Gua, Duaruiburu Mines Ghatkuri RF, Noamundi (1443.76)	26210896.43	49726335	23515439

Sr No	Name of the Lease	Total Production as per DMG Data (MT)	Total Production as per IBM Data (MT)	Difference of IBM & DMG Production
1	2	3	4	5
24	M/s.SAIL, Manoharpur Iron Ore Mine Chiriya (Sukriluturburu Iron Ore Mines),ArkulaRF, Manoharpur (609.57)	3001328.153	2073761	927567
25	Tata Steel Ltd. Noamundi (1160.36)	88306966.0	92149538	3842572
26	Shri Nirmal Kumar, Pradip Kumar, (Meralgaraha) Noamundi (66.781)	523931.032	488110	35821
27	Padamkumar Jain Thakurani Noamundi (84.68)	13290392.19	12878594	411798
Total		311969306.1	375794605	72081641

CHAPTER: V**Encroachment**

1. At the outset, it is to state here that the Commission has sent a letter to the State of Jharkhand, seeking information with regard to latitudes and longitudes of the boundary pillar of the leases. (WGS – 84 datum)
2. Based on the longitudes and latitudes of the boundary pillars or outer boundaries of leases provided by the Director of Mines & Geology, State of Jharkhand, the same were marked in the Google Earth Pro software and the encroachments were identified.
3. On the basis of the above methodology, it is observed that out of **42** mining leases of iron and manganese ores, in case of **25 mining leases**, encroachment of various types of mining activities was observed. The list thereof is enclosed herewith at **Table: 1**. For the encroachment listed in the said Table, it is to state here that:—
 - (a) The areas of encroachment have been calculated by in-built auto-device of the programme (Google Earth Pro) and listed into

Blocks, as A, B, C, etc. Total encroachments are compiled lease-wise by the engineers / officials who are expert in handling such type of programmes.

- (b) The encroachments marked in this category appears to be the extension of the continuance working from inside the leased area to outside the lease boundary and also well connected linkage to the pits or dumps at a distance.
 - (c) The total encroachment so identified is about **267.96 ha.** Out of this encroached area, about **143.6 ha.** is used for illegal extraction or removal of iron ore and **124.34 ha.** is the total area occupied in excess to the grant of leases.
4. For the encroachment and unauthorized extraction of minerals from the pits which are shown in the aforesaid Table, appropriate action is required to be taken under Section 21(5) of the MM(DR) Act, 1957.

However, it is to state here that no physical verification was carried out for the leases, due to time constraints. Therefore, it is suggested that the State Government should carry out DGPS survey for the entire mining leases listed in the aforesaid Table.

5. It would be worthwhile to quote firstly the relevant provisions of the MM(DR) Act, 1957.

(a) Section 4 of MM(DR) Act reads as under:-

“4. *Prospecting or mining operations to be under licence or lease:*

(1) *[No person shall undertake any reconnaissance, prospecting or mining operations in any area, **except under and in accordance with the terms and conditions of reconnaissance permit** or of a prospecting licence or, as the case may be, **a mining lease, granted under this Act and the rules made thereunder]***:

... ..

[(1A) No person shall transport or store or cause to be transported or stored any mineral otherwise than in accordance with the provisions of this Act and the rules made thereunder.]

(2) *[No reconnaissance permit, prospecting licence or **mining lease]** shall be granted otherwise than*

in accordance with the provisions of this Act and the rules made thereunder.]

- (3) *[Any State Government may, after prior consultation with the Central Government and in accordance with the rules made under Section 18, undertake reconnaissance, prospecting or mining operations with respect to any mineral specified in the First Schedule in any area within that State which is not already held under any reconnaissance permit, prospecting licence or mining lease.]”*

(b) Section 21 of MM(DR) Act reads as under:–

“21. Penalties:

- (1) ***Whoever contravenes the provisions of sub section (1) or sub section (1A) of Section 4 shall be punished with imprisonment for a term which may extend to two years, or with fine which may extend to twenty five thousand rupees, or with both.***

- (2) *Any rules made under any provision of this Act may provide that any contravention thereof shall be punishable with imprisonment for a term which may extend to one year or with fine which may extend to five thousand rupees, or with both, and in the case of a continuing contravention, with an additional fine which may extend to five hundred rupees for every day during which such contravention continues after conviction for the first such contravention.*
- (3) ***Where any person trespasses into any land in contravention of the provisions of sub-section (1) of section 4, such trespasser may be served with an order of eviction by the State Government or such authorized authority in this behalf by that Government and the State Government or such authorized authority may, if necessary, obtain the help of the police to evict the trespasser from the land.***

- (4) *Whenever any person raises, transports or causes to be raised or transported, without any lawful authority, any mineral from any land, and for that purpose, uses any tool, equipment, vehicle or any other things, such mineral, tool, equipment, vehicle or any other things, such minerals, tool, equipment, vehicle or any other thing shall be liable to be seized by an officer or authority specifically empowered in this behalf.*
- (4A) *Any mineral, tool, equipment, vehicle or any other thing seized under sub-section (4), shall be liable to be confiscated by an order of the court competent to take cognizance of the offence under sub-section (1) and shall be disposed of in accordance with the directions of such court.*
- (5) ***Whenever any person raises, without any lawful authority, any mineral from any land, the State Government may recover from such person the mineral so raised, or, where such mineral***

has already been disposed of, the price thereof, and may also recover from such person, rent, royalty or tax, as the case may be, for the period during which the land was occupied by such person without any lawful authority.

(6) *Notwithstanding anything contained in the Code of Criminal Procedure, 1973 an offence under sub-section (1) shall be cognizable.”*

6. Recommendation:—

- (a) Since no physical verification was carried out for the leases, due to time constraints, the State Government should carry out DGPS survey for the entire mining leases, as listed in **Table: 1.**
- (b) From the aforesaid provisions, it is apparent that the lessees who have encroached upon the adjoining land in contravention of Sections 4(1) of the MM(DR) Act, 1957, should be proceeded as provided u/s. 21 of MM(DR) Act, 1957.

- (c) In addition to prosecution for the occupants, who have extracted/removed iron ore from outside the lease area, the cost of iron ore at market rate with the exemplary penalty, of whatever grade of mineral was extracted from the said pits, should be recovered under Section 21(5) of the MM(DR) Act, 1957 and also, cost of damage caused to the environment, ecology and others should be recovered.
- (d) Action should also be taken against the concerned officials of the Mines Department as well as Forest and Revenue Departments (in case of forest and non forest land) for their omission and commissions who failed to restrict the encroachment.
- (e) Further, the boundary dispute between M/s. Usha Martin Ltd. and T. P. Sao has not been resolved, though the Commission issued instructions to the Deputy Commissioner, Chaibasa. The State Government should take note of it and do it without further lapse of time.

* * *

Table: 1

Details of mining leases showing area allotted, area occupied and area encroached in West Singhum District (Chaibasa) Jharkhand

Pl. No.	Name of Lessee (M/s. / Shri/Smt.)	Lease Area (ha.)	Area as per Google image (ha.)	Excess area occupied (ha.)	Encroachment in adjoining area (ha.)		Total Encroachment outside lease (ha.)	Grand Total Encroachment (5+7) (ha.)
1	2	3	4	5	6		7	8
1	Anilkumar Khirval, Bandhburu (Noamundi PF), Noamundi	22.53	19.5	0	A	2.94	2.94	2.94
2	Aninindata Traders & Investment Ltd. Parambaljodi, Noamundi	47.15	52.9	5.75			0	5.75
3	Chandra Prasasd, Itarbaljori, Noamundi	57.47	51.9	0		0.18	0.18	0.18
4	Devkabai Velji Ghatkuri Iron Ore Mines, Noamundi	46.62	48.2	1.58			0	1.58
5	General Produce Ltd. Ghatkuri RF Iron Ore Mines, Manoharpur	163.90	167	3.10			0	3.10
6	Kamaljeet Singh Ahluwalia Baraiburu Tatiba Mines, Noamundi	129.5	144	14.50			0	14.50

1	2	3	4	5	6		7	8
7	Kamaljeet Singh Ahluwalia Baraiburu Tatiba Mines, Noamundi	250.76	252.3	1.54			0	1.54
8	Khatau Liladhar Thakkar, Kumirta, Noamundi	30.84	31.7	0.86	A	0.57	0.57	1.43
9	Khushal Arjun Rathor, Noamundi	31.97	34.5	2.53	A	1.35	1.35	3.88
10	Mitra Ghose/ Samir kumar Ghose, Noamundi	20.07	23	2.93			0	2.93
11	Nirmal Kumar, Pradip Kumar, Ghatkuri RF, Noamundi	149.17	154	4.83			0	4.83
12	Nirmal Kumar, Pradip Kumar, Noamundi	66.781	72.7	5.92			0	5.92
13	Padamkumar Jain , Thakurani), Noamundi	84.68	93	8.32	A	10.00	16.96	25.28
					B	2.97		
					C	2.90		
					D	1.10		
14	Rameshwar Jute Mills, Baraiburu, Noamundi	258.99	260	1.01			0	1.01
15	Revti Raman Prasad and Anand Vardhan Prasasd, Itarbaljori, Noamundi	33.7	37.7	4.00			0	4.00

1	2	3	4	5	6		7	8
16	Rungta Mines Ghatkuri RF, Noamundi	138.85	164	25.15	A	1.88	2.29	27.44
					B	0.41		
17	SAIL, Gua Ore Mines Gua, Duaruiburu Mines.	1443.8	1462	18.24	A	29.50	32.07	50.31
					B	2.57		
18	SAIL, Manoharpur Iron Ore Mine Chiriya (Maclilan Budhaburu Iron Ore Mines), Manoharpur	823.83	784	0	A	7.59	7.59	7.59
19	SAIL, Meghahatuburu Iron Ore Mine Project lease-I Mining Area, Manoharpur	1936.1	1930		A	53.20	53.20	53.20
20	SAIL, Meghahatuburu Iron Ore Mine Project lease-II Railway siding & plant, Manoharpur	879.43	883	3.57			0	3.57
21	Shah Brothers Karampada Iron Ore Mines, Manoharpur	233.89	234	0.11	A	1.24	1.90	2.01
					B	0.66		
22	Singhbhum Minerals co. (Transfer in the name of Ram Minerals Co.) Khasjamda, Noamundi	265.88	268	2.12	A	19.10	21.41	23.53
					B	2.31		

1	2	3	4	5	6		7	8
23	Singhbhum Minerals Co. Karampada RF, Noamundi	141.64	143	1.36			0	1.36
24	Tata Steel Ltd., Noamundi-I	1056	1061	5	A	3.16	3.16	8.16
25	Usha Martin Ghatkuri Iron Ore Mines, Noamundi	155.08	167	11.92			0	11.92
		8468.62	8538.4	124.34			143.6	267.96

Note: The Encroachment and their area calculated are based on ‘Google Earth Pro’ software.

Date : October, 2013

(M. B. SHAH)

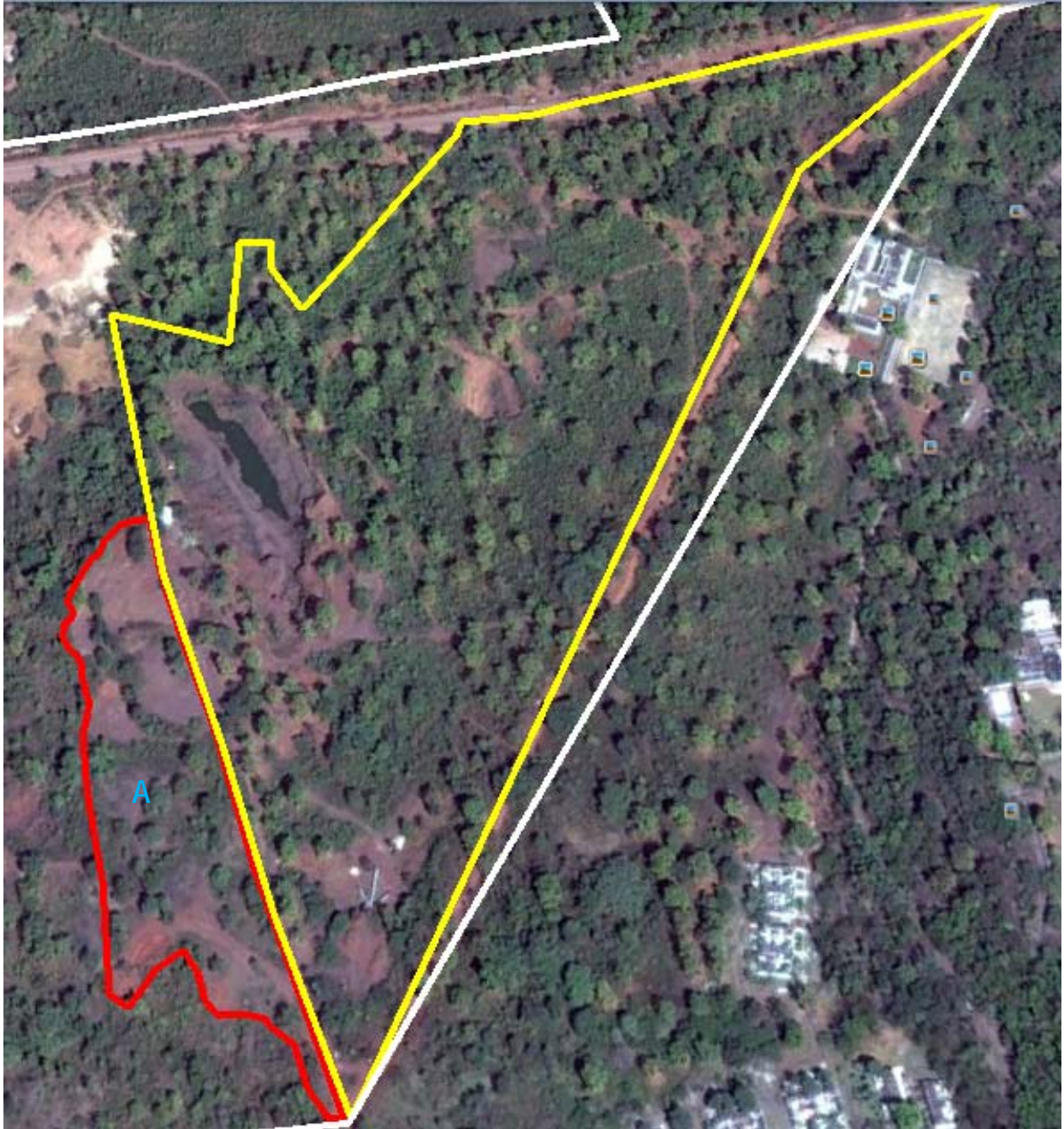
Place : Ahmedabad




**(Former Judge, Supreme Court of India)
Chairman
Commission of Enquiry
for
Illegal Mining of Iron Ore & Manganese**

Lessee: Shri Anil kumar Khirval, Bandhburu (Noamundi PF)

Area as per lease grant ha.:	X	22.53	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	y	19.50	A=	2.94
Excess Area occupied (encroachment) (Y-X)=	Nil		Total	2.94

Satellite Image As on 05.11.2004






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Shri Aninindita Traders& Investment Ltd. Parambaljodi, Noamundi.

Area as per lease grant ha.:	X	47.15	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha:	y	52.90			5.75
Excess Area occupied (encroachment) (Y-X)=		5.75	Total	Nil	

Satellite Image As on 02.02.2012






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Shri Chandra Prasad, Itarbaljodi, Noamundi.

Area as per lease grant ha.:	X	57.47	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	y	51.90	A=	0.18
Excess Area occupied (encroachment) (Y-X)=	Nil		Total	

Satellite Image As on 24.09.2010






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s Devkabhai Velji, Ghatkuri Iron Ore Mines, Noamundi.

Area as per lease grant ha.: X	46.62	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	48.20		1.58
Excess Area occupied (encroachment) (Y-X)=	1.58	Total Nil	

Satellite Image As on 07.12.2006

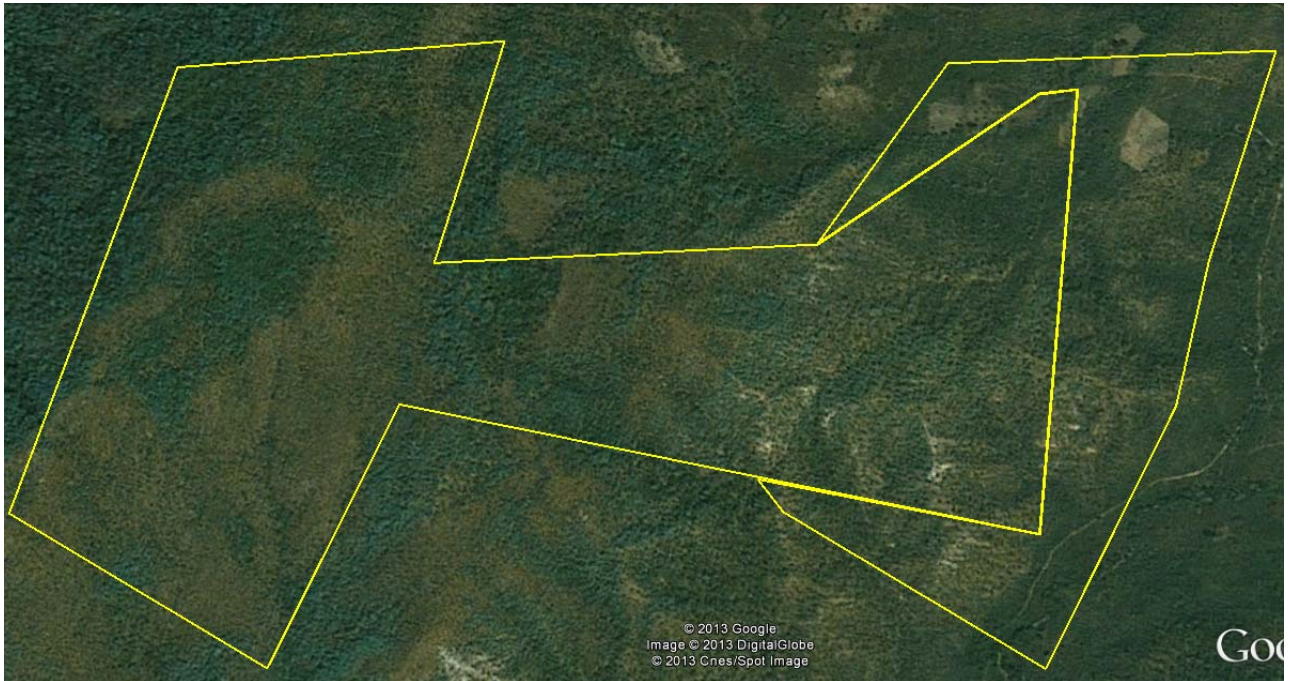





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s General Produce Ltd, Ghatkuri Iron Ore mines, Manoharpur.

Area as per lease grant ha.: X	163.90	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	167.00		3.10
Excess Area occupied (encroachment) (Y-X)=	3.10	Total Nil	

Satellite Image As on 2006



 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s Kamaljeet Singh Ahluwalia, Baraiburu, Tatiba Mines, Noamundi.

Area as per lease grant ha.: X	129.50	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	144.00		14.50
Excess Area occupied (encroachment) (Y-X)=	14.50	Total	

Satellite Image As on 02.02.2012



Enjoyment of Lease Boundary:



Enjoyment of others' s Lease Boundary:

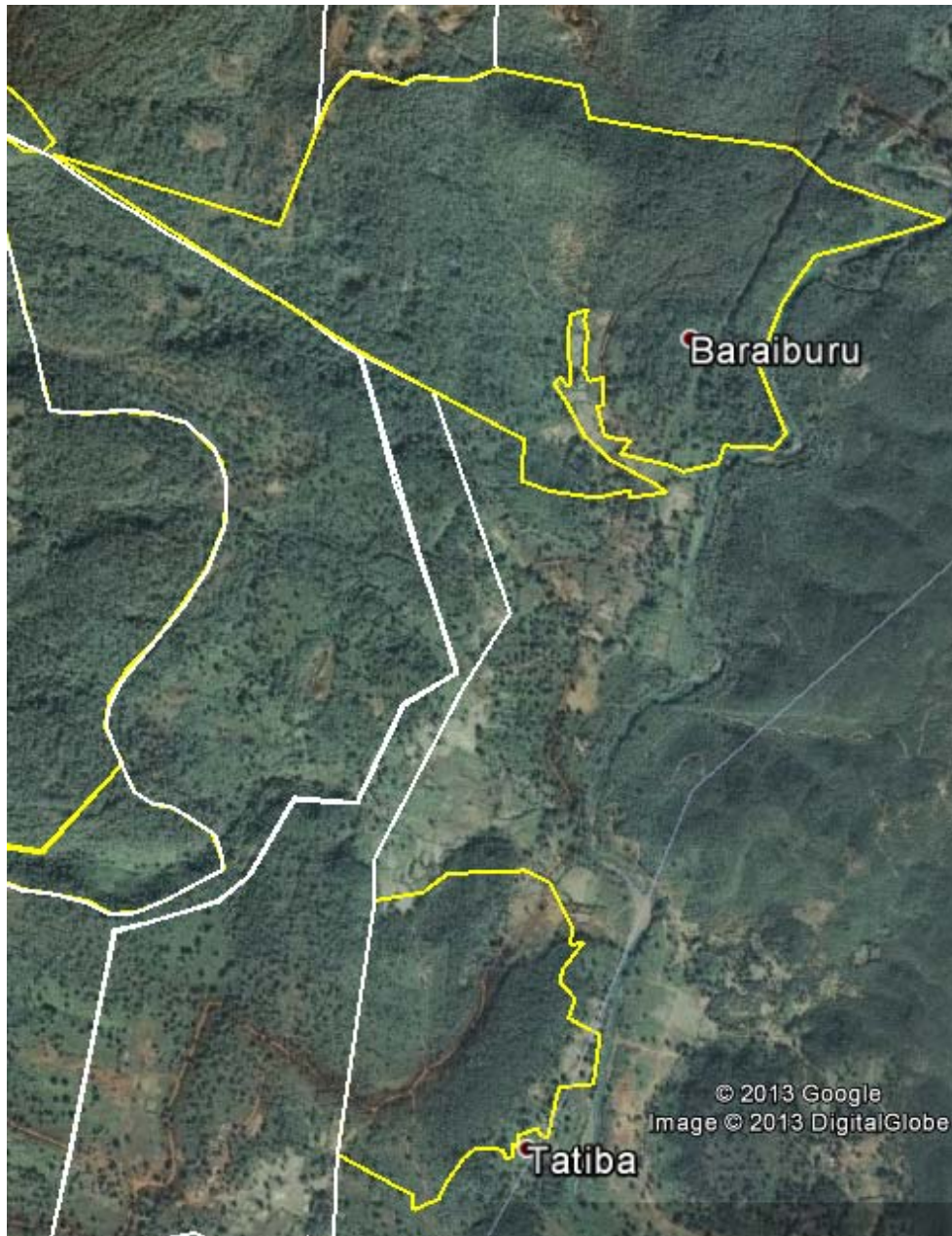





Lease Encroachment:

Lessee: M/s Kamaljeet Singh Ahluwalia, Baraiburu, Tatiba Mines, Noamundi.

Area as per lease grant ha.: X	250.76	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	252.30		1.53
Excess Area occupied (encroachment) (Y-X)=	1.53	Total Nil	

Satellite Image As on 02.02.2012

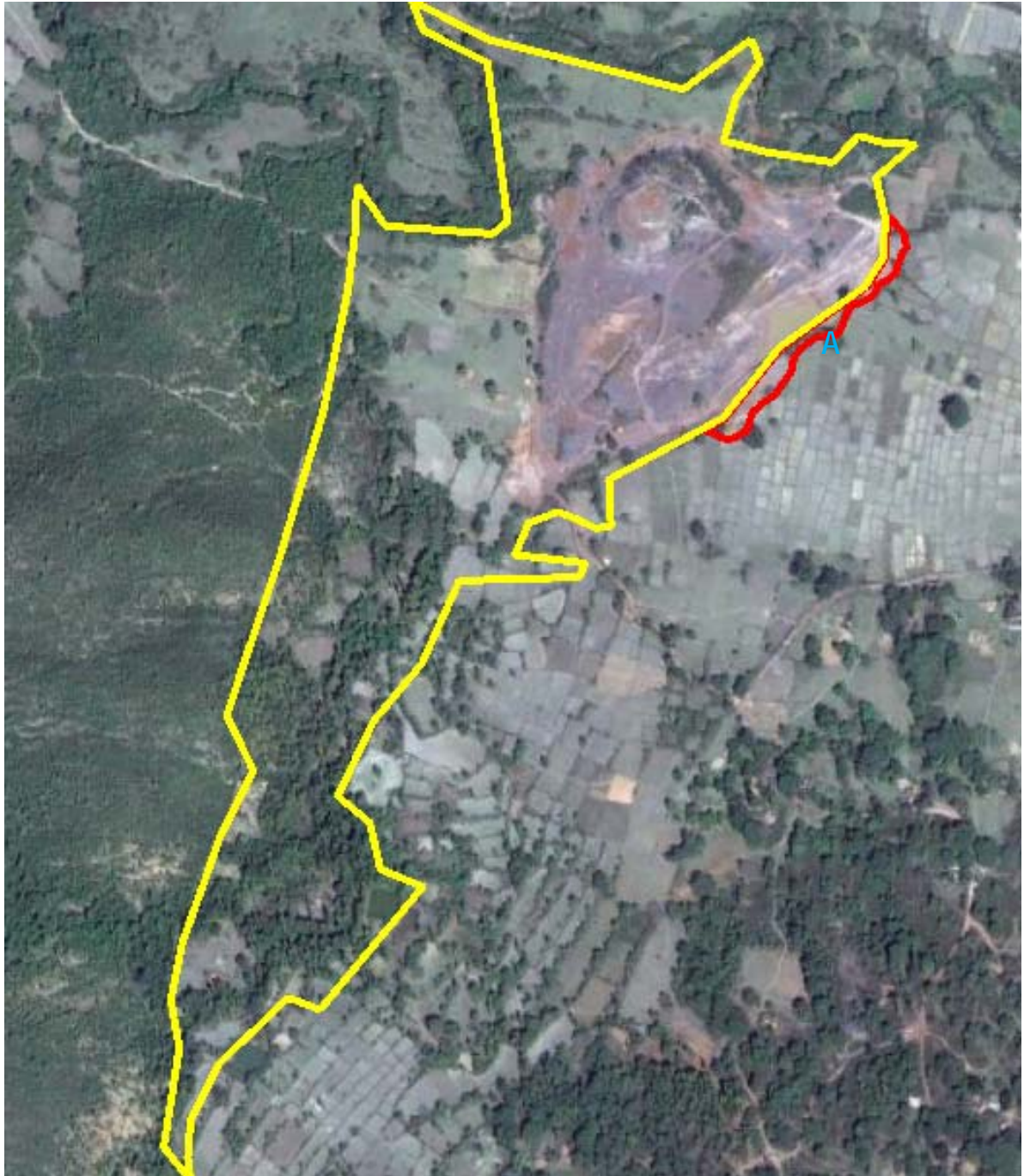





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Shri Khatau Liladhar Thakkar, Kumirta, Noamundi.

Area as per lease grant ha.: X	30.84	Encroachment ha.: A=	0.57	Grand total Encroachment ha	1.43
Area as per enjoyment boundary ha: y	31.70				
Excess Area occupied (encroachment) (Y-X)=	0.86	Total			

Satellite Image As on 02.02.2012

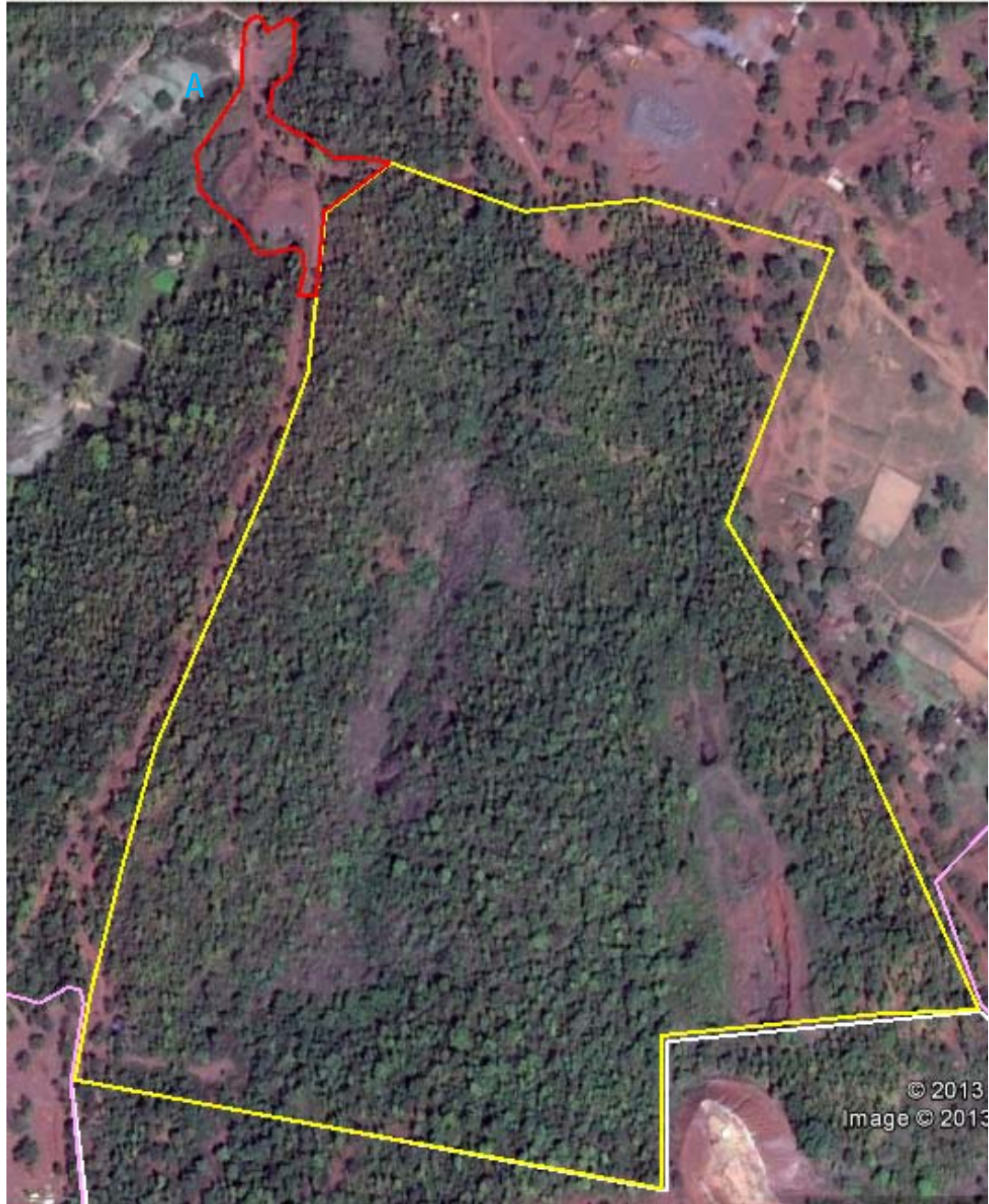





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Khushal Arjunedas Rathor, Khasjamda, Noamundi

Area as per lease grant ha.: X	31.97	Encroachment ha.: A=	1.35	Grand total Encroachment ha	3.88
Area as per enjoyment boundary ha: y	34.50				
Excess Area occupied (encroachment) (Y-X)=	2.53	Total	1.35		

Satellite Image As on 02.02.2012






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Smt Mitra Ghosr/ Shri Samir Kumar Ghose, Noamundi.

Area as per lease grant ha.: X	66.78	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	72.70		5.91
Excess Area occupied (encroachment) (Y-X)=	5.91	Total Nil	

Satellite Image As on 02.02.2012

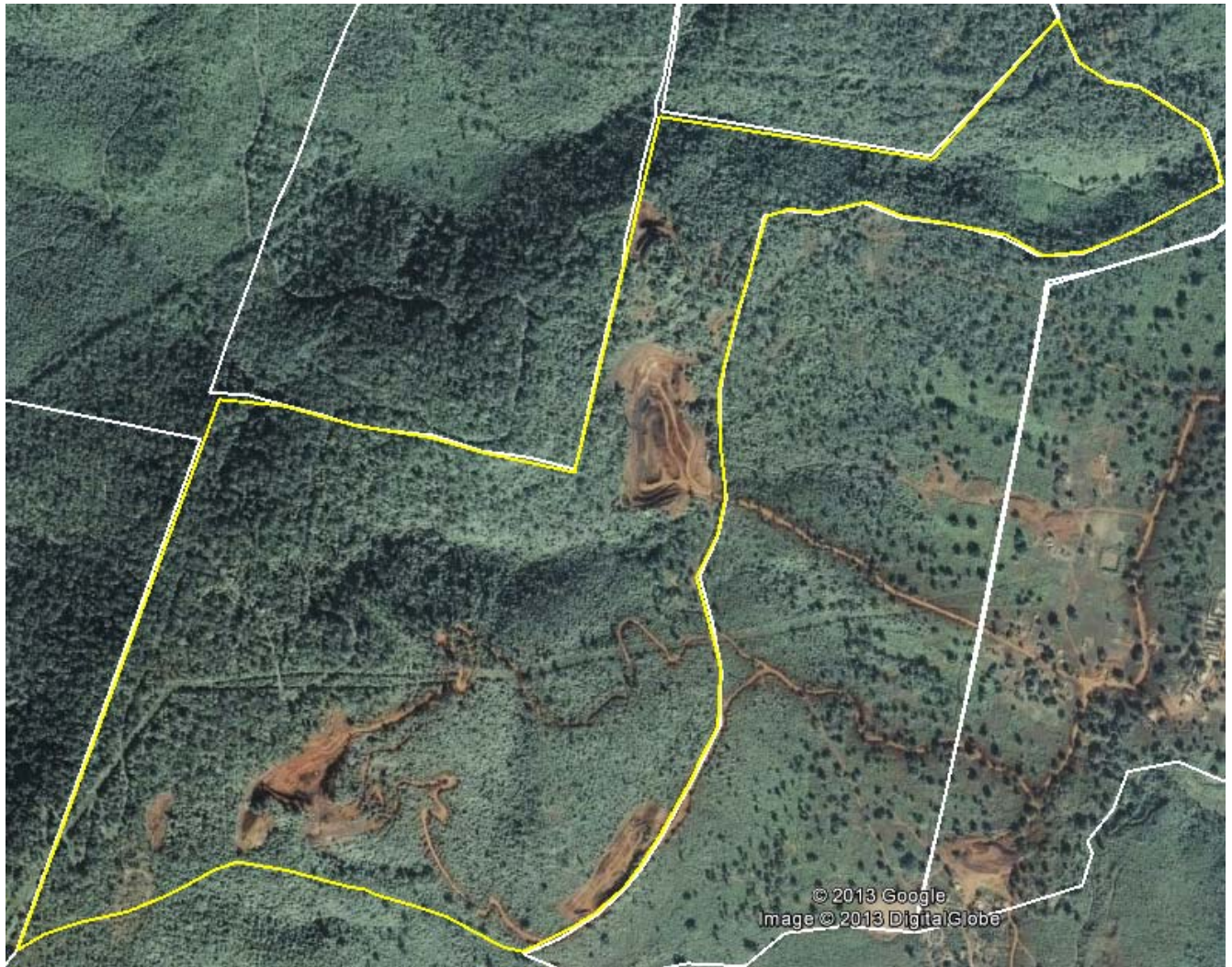





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Shri Nirmal Kumar, Pradeep kumar, Ghatkuri RF, Noamundi.

Area as per lease grant ha.: X	149.17	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	154.00		4.82
Excess Area occupied (encroachment) (Y-X)=	4.82	Total Nil	

Satellite Image As on 07.12.2006






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Shri Nirmal Kumar, Pradeep kumar, Ghatkuri RF, Noamundi.

Area as per lease grant ha.: X	66.78	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	72.70		5.91
Excess Area occupied (encroachment) (Y-X)=	5.91	Total Nil	

Satellite Image As on 02.02.2012

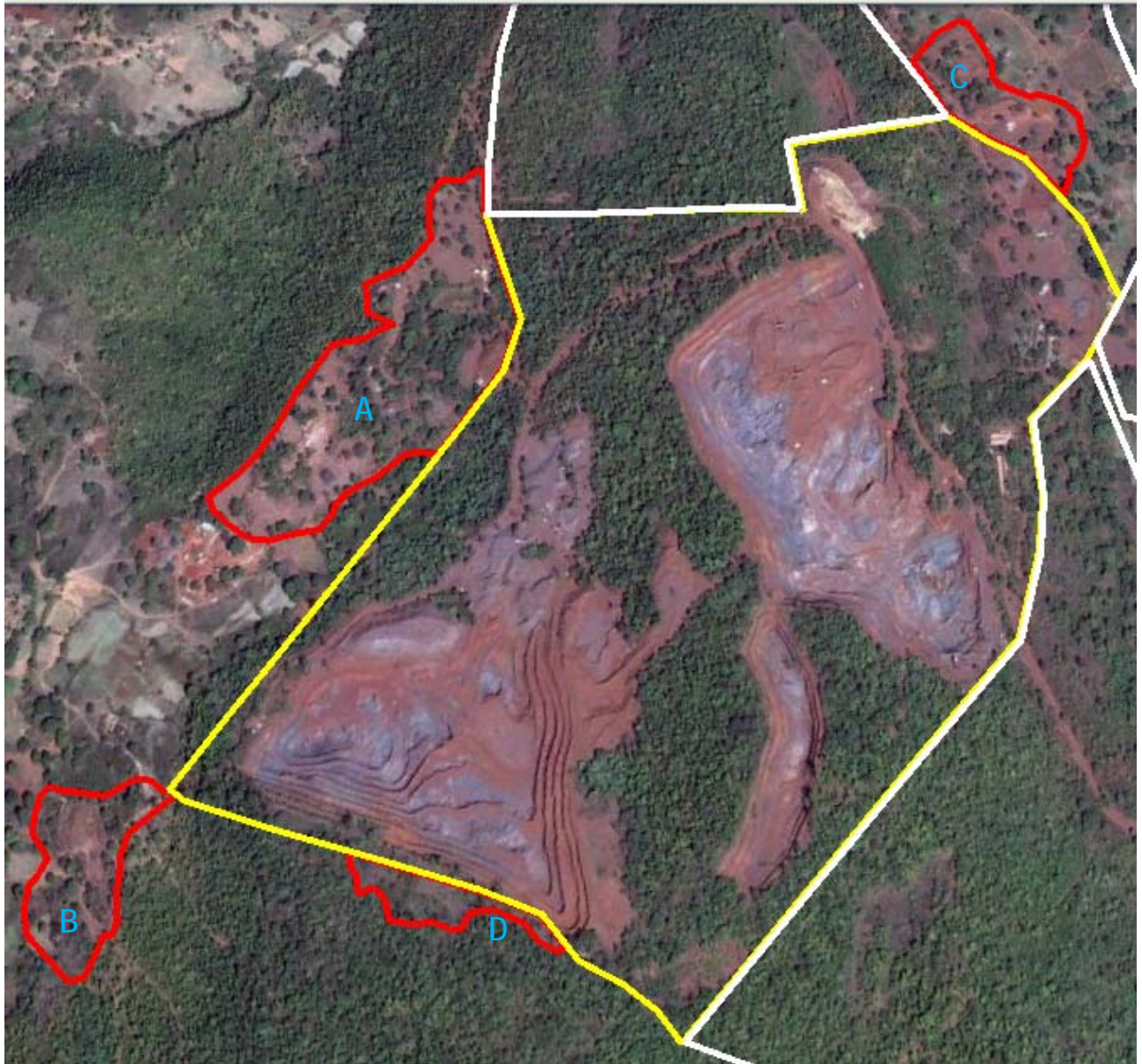





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Shri Padam kumar Jain, Thakurani, Noamundi

Area as per lease grant ha.: X	84.68	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha: y	93.00	A=	10.00	
Excess Area occupied (encroachment) (Y-X)=	8.32	B=	2.97	
		C=	2.89	25.28
		D=	1.10	
		Total	16.96	

Satellite Image As on 02.02.2012






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Shri Rameshwar Jute Mills, Baraiburu, Noamundi.

Area as per lease grant ha.: X	258.99	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha: y	260.00			1.01
Excess Area occupied (encroachment) (Y-X)=	1.01	Total	Nil	

Satellite Image As on 02.02.2012






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Revti Raman Prasad and Anand Vardhan Prasad, Itrabaljodi, Noamundi.

Area as per lease grant ha.:	X	33.70	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha:	y	37.70			4.00
Excess Area occupied (encroachment) (Y-X)=		4.00	Total	Nil	

Satellite Image As on 24.09.2010

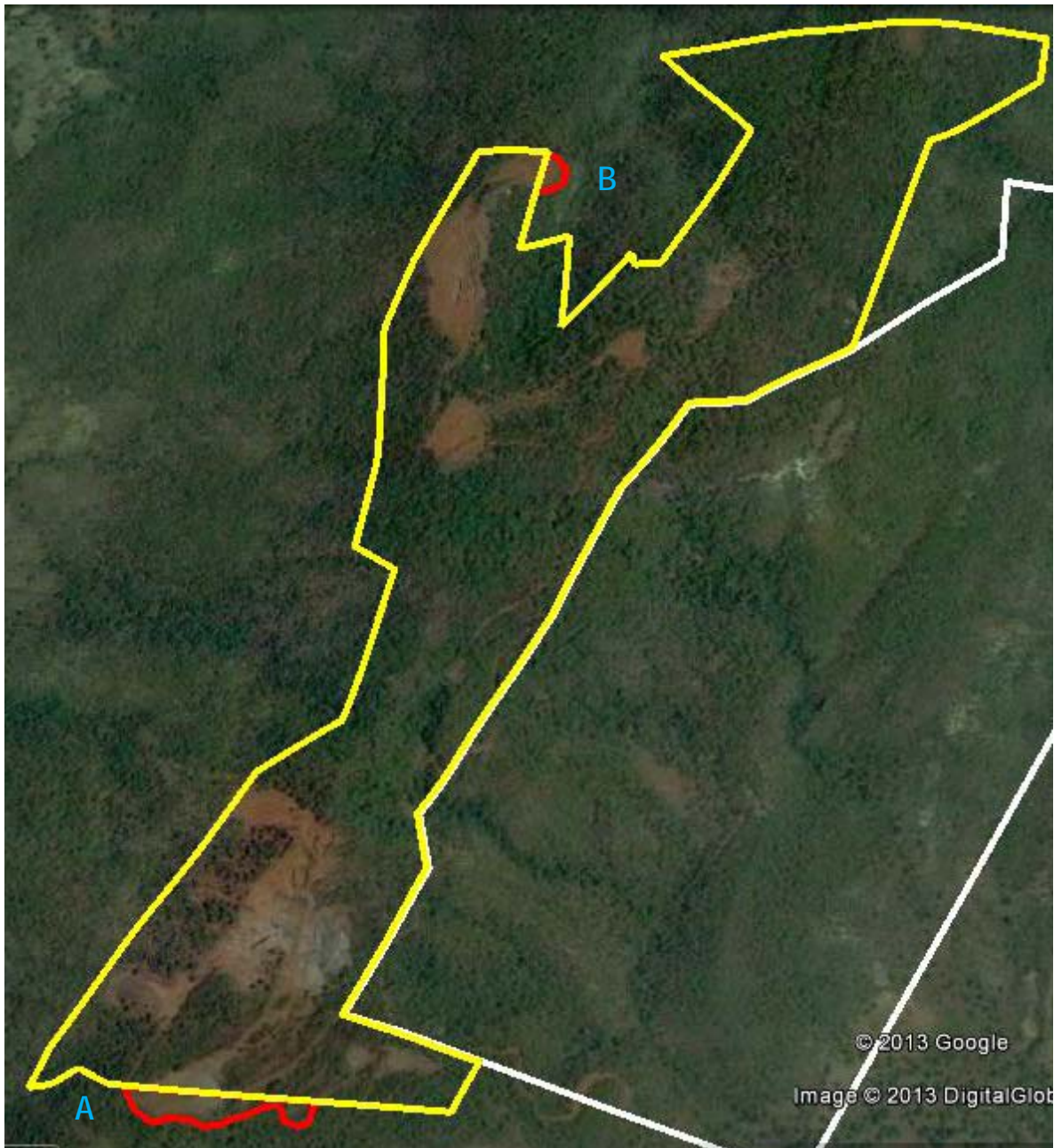





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s Rungta Mines, Ghatkuri RF Noamundi

Area as per lease grant ha.: X	138.85	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha: y	164.00	A=	1.88	
Excess Area occupied (encroachment) (Y-X)=	25.15	B=	0.41	
		Total	2.29	27.44

Satellite Image As on 09.05.2005

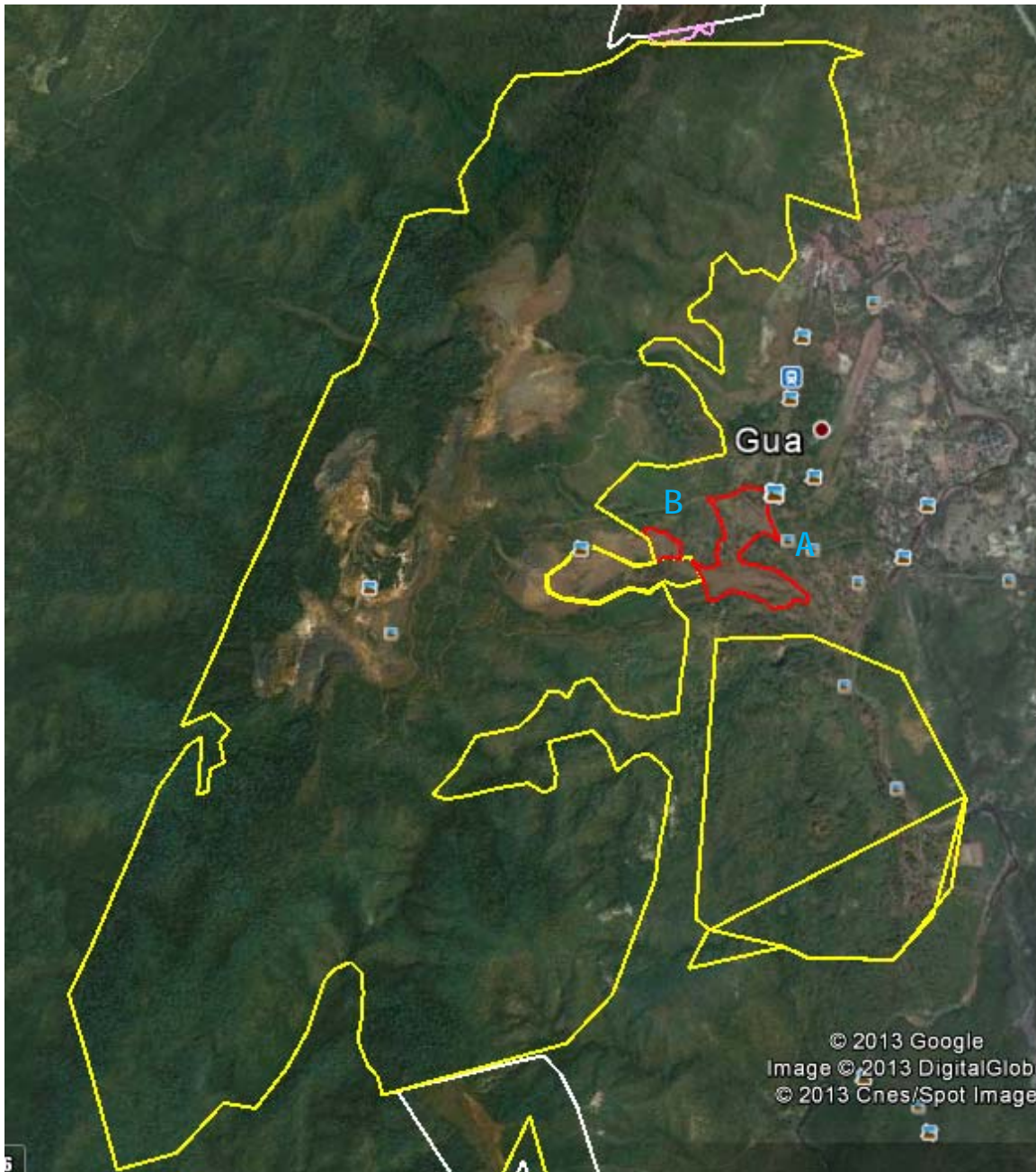





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s SAIL, Gua Iron Ore Mines, Duaruiburu

Area as per lease grant ha.: X	1443.8	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	1462.00	A=	50.31
Excess Area occupied (encroachment) (Y-X)=	18.24	B=	
		Total	32.07

Satellite Image As on 24.09.2010

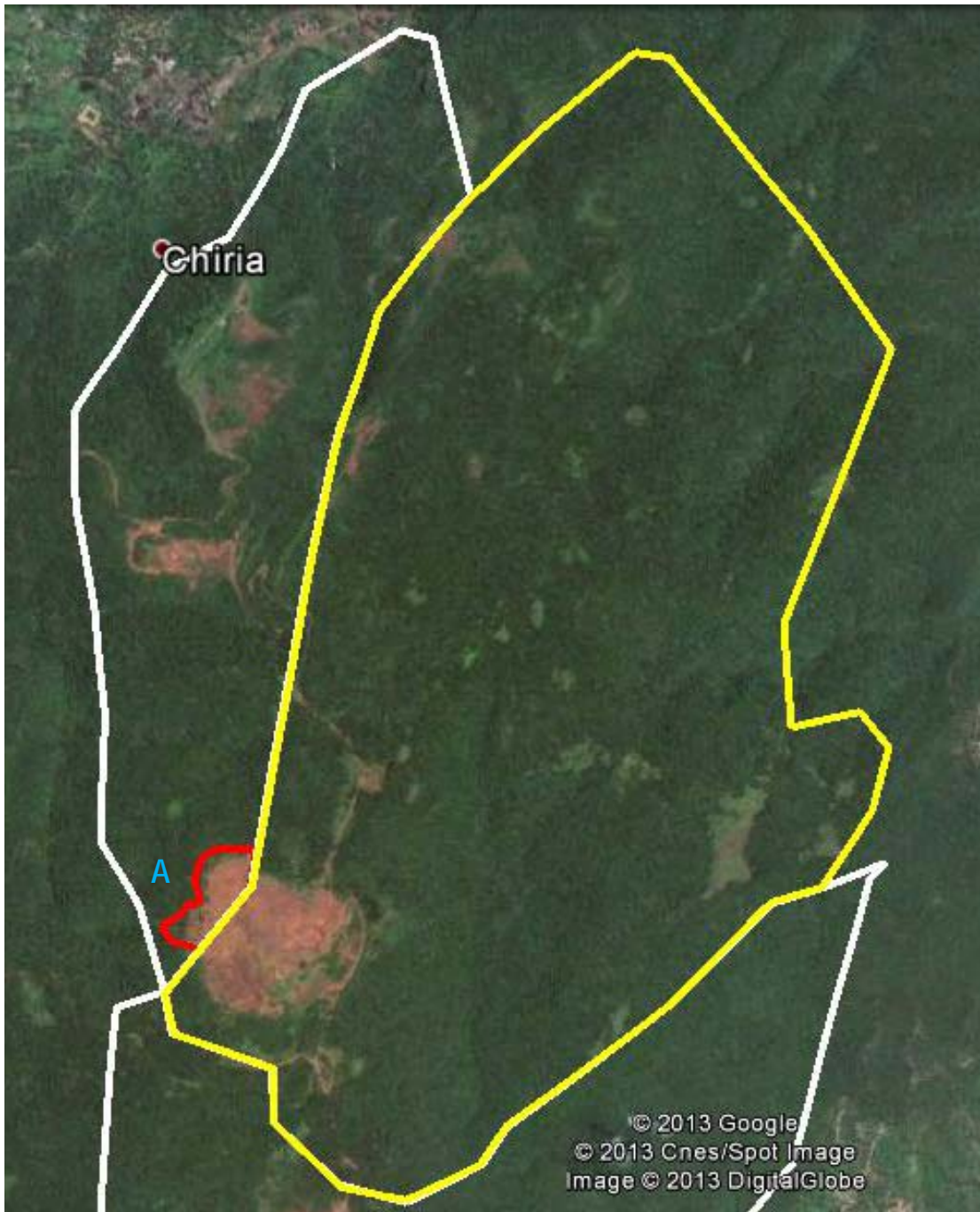





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s SAIL, Manoharpur Iron Ore mines Chiriya(Macililan)

Area as per lease grant ha.:	X	823.83	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	y	784.00	A=	7.59
Excess Area occupied (encroachment) (Y-X)=	Nil		Total	

Satellite Image As on 24.09.2010

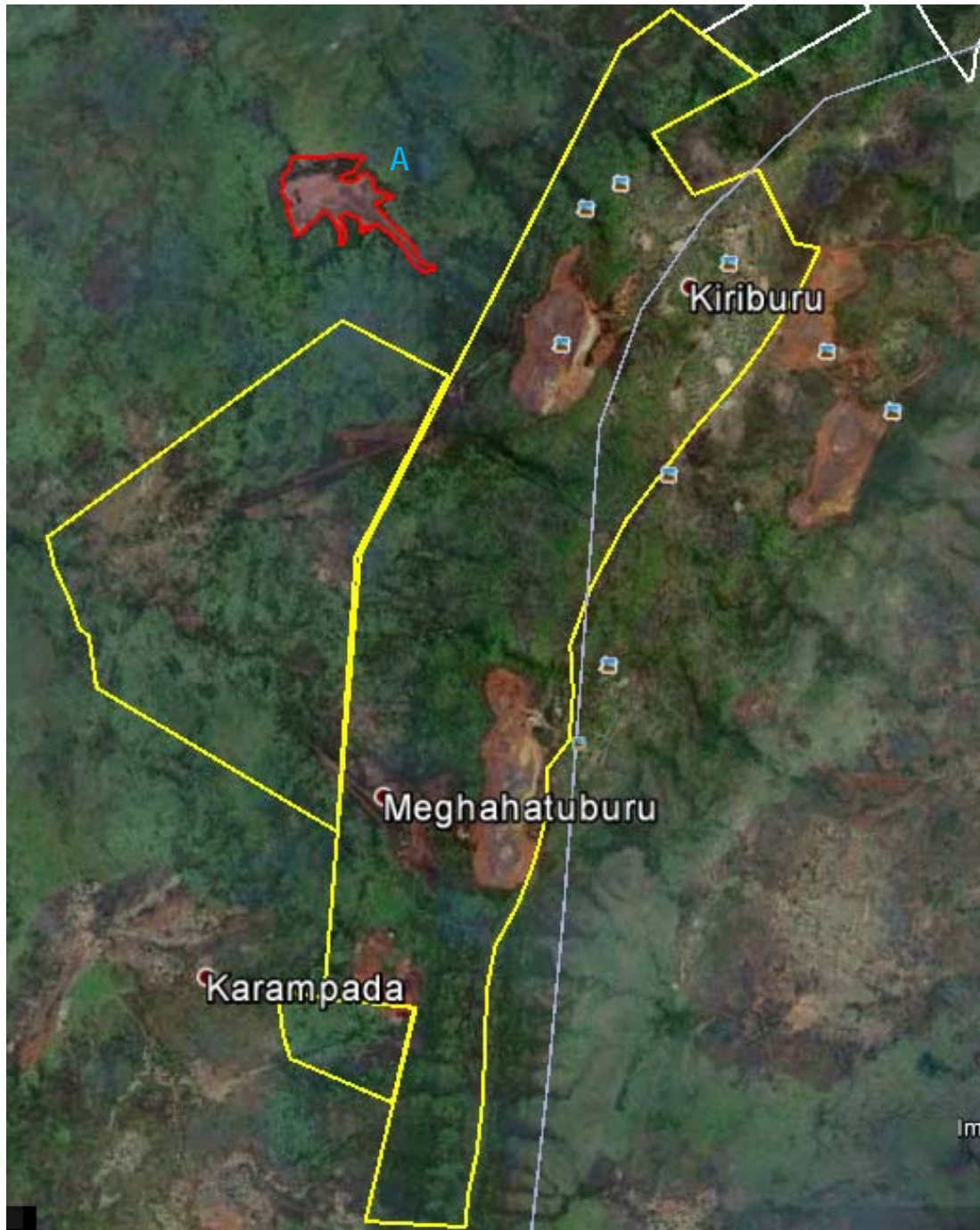





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s SAIL, Kiruburu Meghatuburu

Area as per lease grant ha.: X	1936.10	Encroachment ha.: A=	53.2	Grand total Encroachment ha	53.2
Area as per enjoyment boundary ha: y	1930.00	Total			
Excess Area occupied (encroachment) (Y-X)=	Nil				

Satellite Image As on 24.09.2010






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s SAIL, Meghatuburu Iron Ore project

Area as per lease grant ha.: X	879.43	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	883.00		3.57
Excess Area occupied (encroachment) (Y-X)=	3.57	Total Nil	

Satellite Image As on 24.09.2010






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s Shah Brothers Karampada Iron Ore Mines, Manoharpur

Area as per lease grant ha.: X	233.89	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	234.00	A=	1.24
Excess Area occupied (encroachment) (Y-X)=	0.11	B=	0.66
		Total	1.90
			2.01

Satellite Image As on 05.11.2004

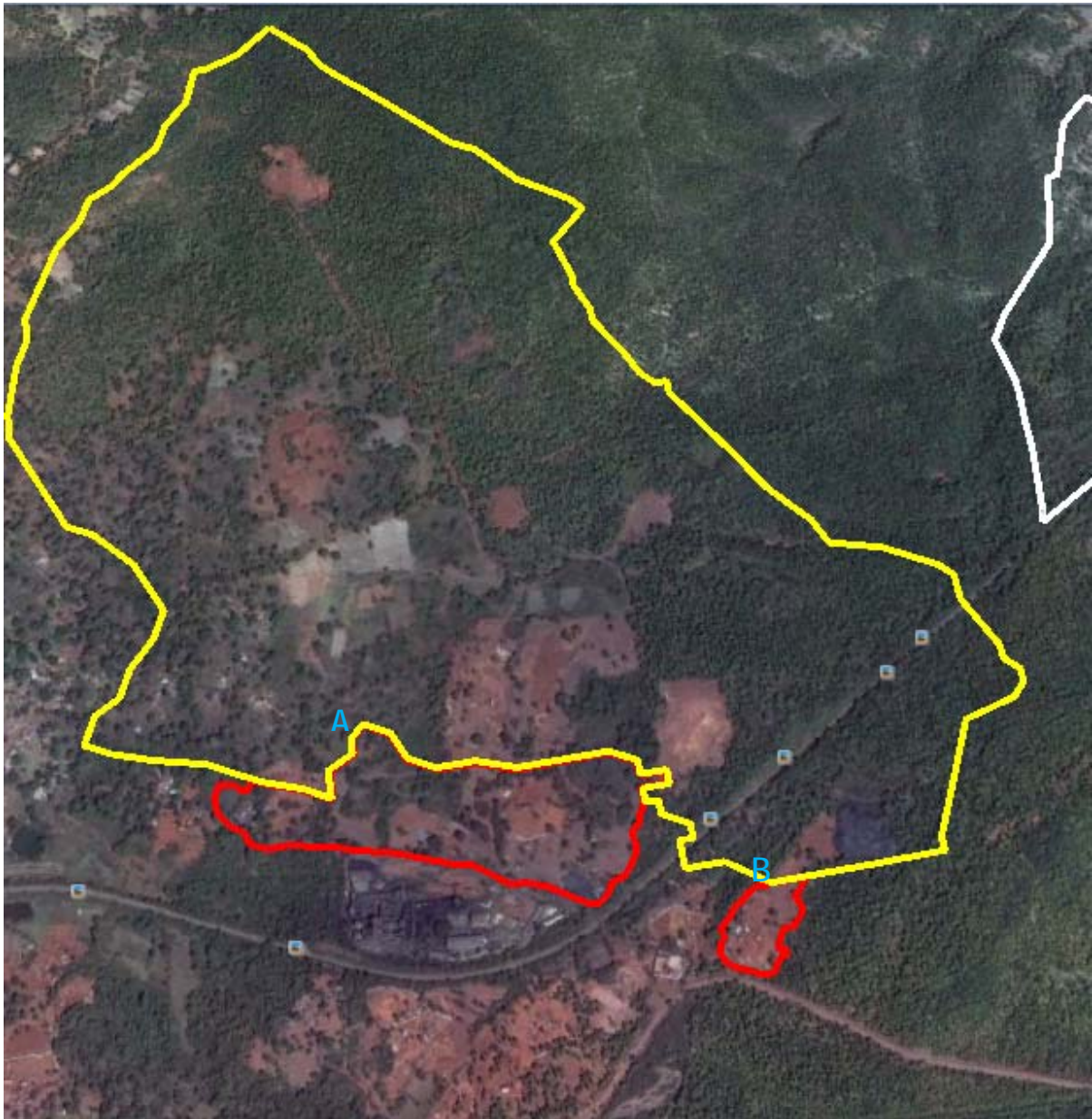





 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Singhbhum Minerals (Shri Ram Minerals). Khasjamda, Noamundi

Area as per lease grant ha.: X	265.88	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha: y	268.00	A=	19.10	
Excess Area occupied (encroachment) (Y-X)=	2.12	B=	2.31	23.53
		Total	21.41	

Satellite Image As on 02.02.2012






 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: Singhbhum Minerals Co. Karampada RF, Noamundi.

Area as per lease grant ha.: X	141.64	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	143.00		1.36
Excess Area occupied (encroachment) (Y-X)=	1.36	Total Nil	

Satellite Image As on 22.03.2012

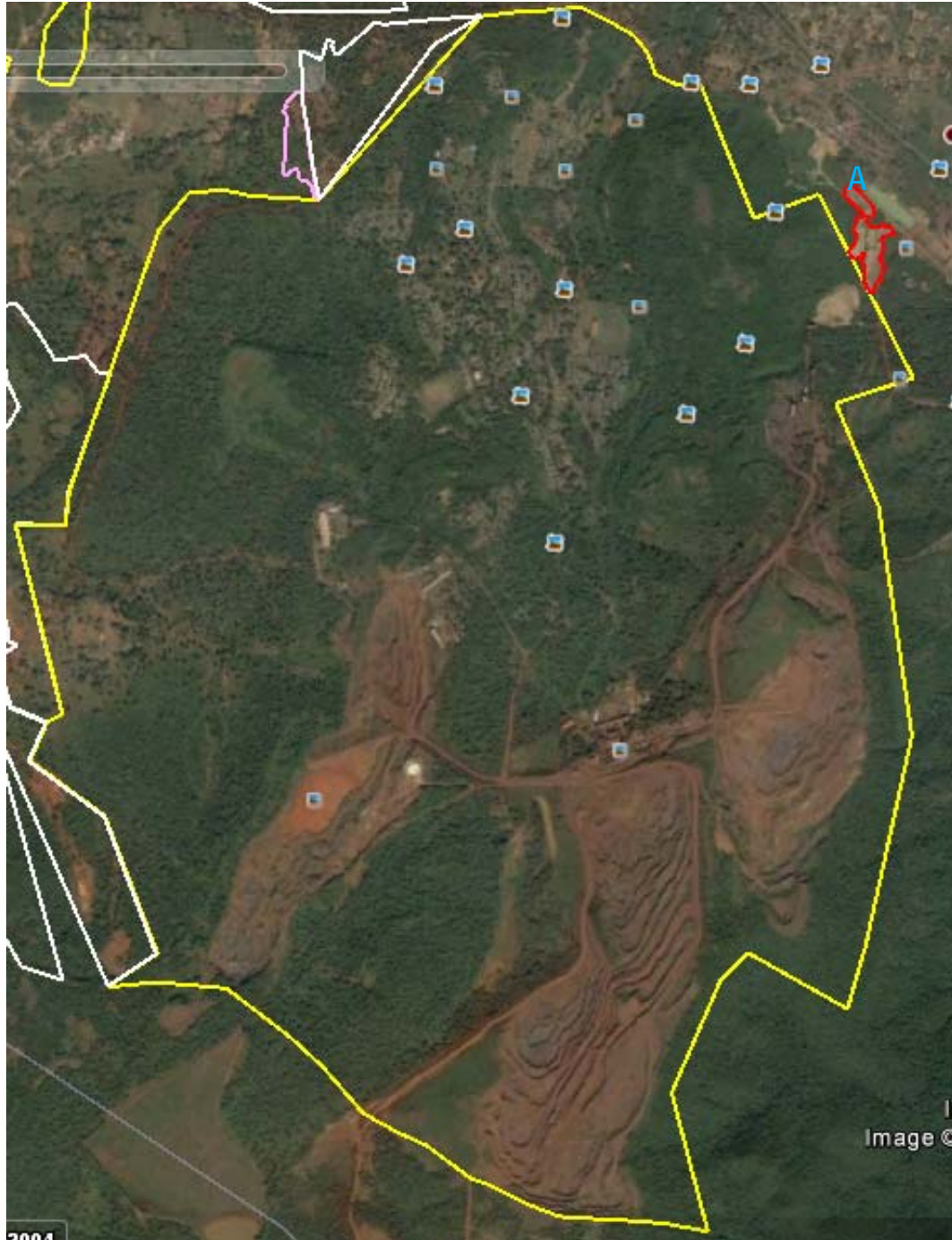



 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	


Lessee: M/s Tata Steel Ltd, I Noamundi.

Area as per lease grant ha.: X	1055.99	Encroachment ha.: A=	3.16	Grand total Encroachment ha	8.16
Area as per enjoyment boundary ha: y	1061.00				
Excess Area occupied (encroachment) (Y-X)=	5.001	Total			

Satellite Image As on 05.11.2004



 Enjoyment of Lease Boundary:

 Enjoyment of others' s Lease Boundary:

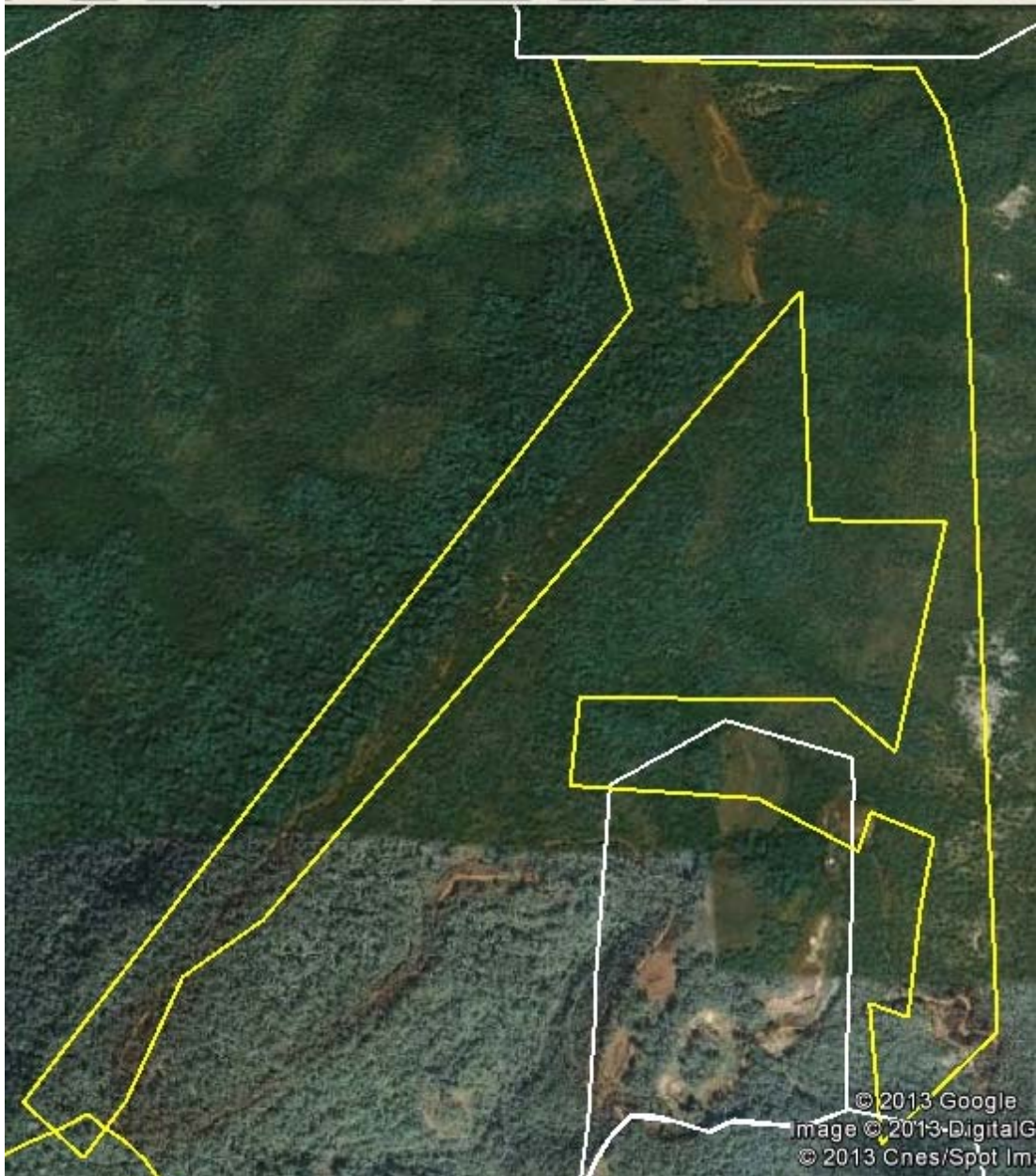





Lease Encroachment:

Lessee: M/s Usha Martine Ghatkuri Iron Ore Mines, Noamundi.

Area as per lease grant ha.: X	155.08	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: y	167.00		11.92
Excess Area occupied (encroachment) (Y-X)=	11.92	Total Nil	

Satellite Image As on 07.12.2006



 Enjoyment of Lease Boundary:	 Lease Encroachment:
 Enjoyment of others' s Lease Boundary:	