

Lessee: M/s Tarini Mineral Nuagaon Mn ore Mines

Area as per lease grant ha.:	X	7.85	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	8.85	A=	6.00	
Excess Area occupied (encroachment) (Y-X)=		1.00	B=	0.91	7.91
			Total :	6.91	

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Enjoyment of Lease Boundary:

Encroachment:



Enjoyment of others' s Lease Boundary:

Lessee: M/s Tarini Mineral Teherai Iron/Mn ore Mines

Area as per lease grant ha.:	X	29.067	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha.:	Y	25.000	A=	3.77
Excess Area occupied (encroachment) (Y-X)=	Nil		B=	0.78
			Total :	4.55

Satellite Image As on 15.02.2011



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

Lessee: M/s Tarini Mineral Deojhar Iron ore Mines

Area as per lease grant ha.:	X	34.365	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	36.700	A=	1.72
Excess Area occupied (encroachment) (Y-X)=		2.34	Total :	4.06

Satellite Image As on 12.03.2010

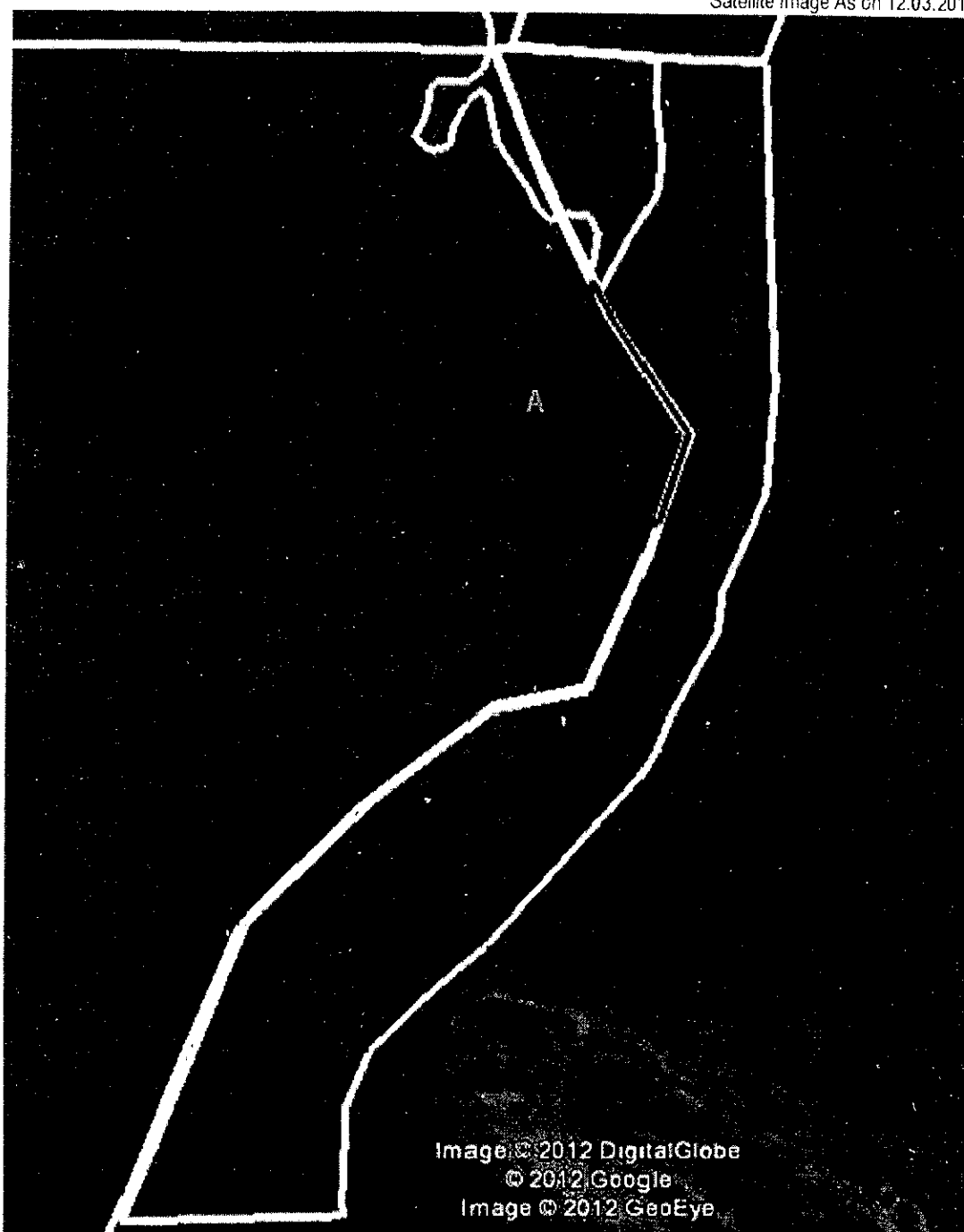


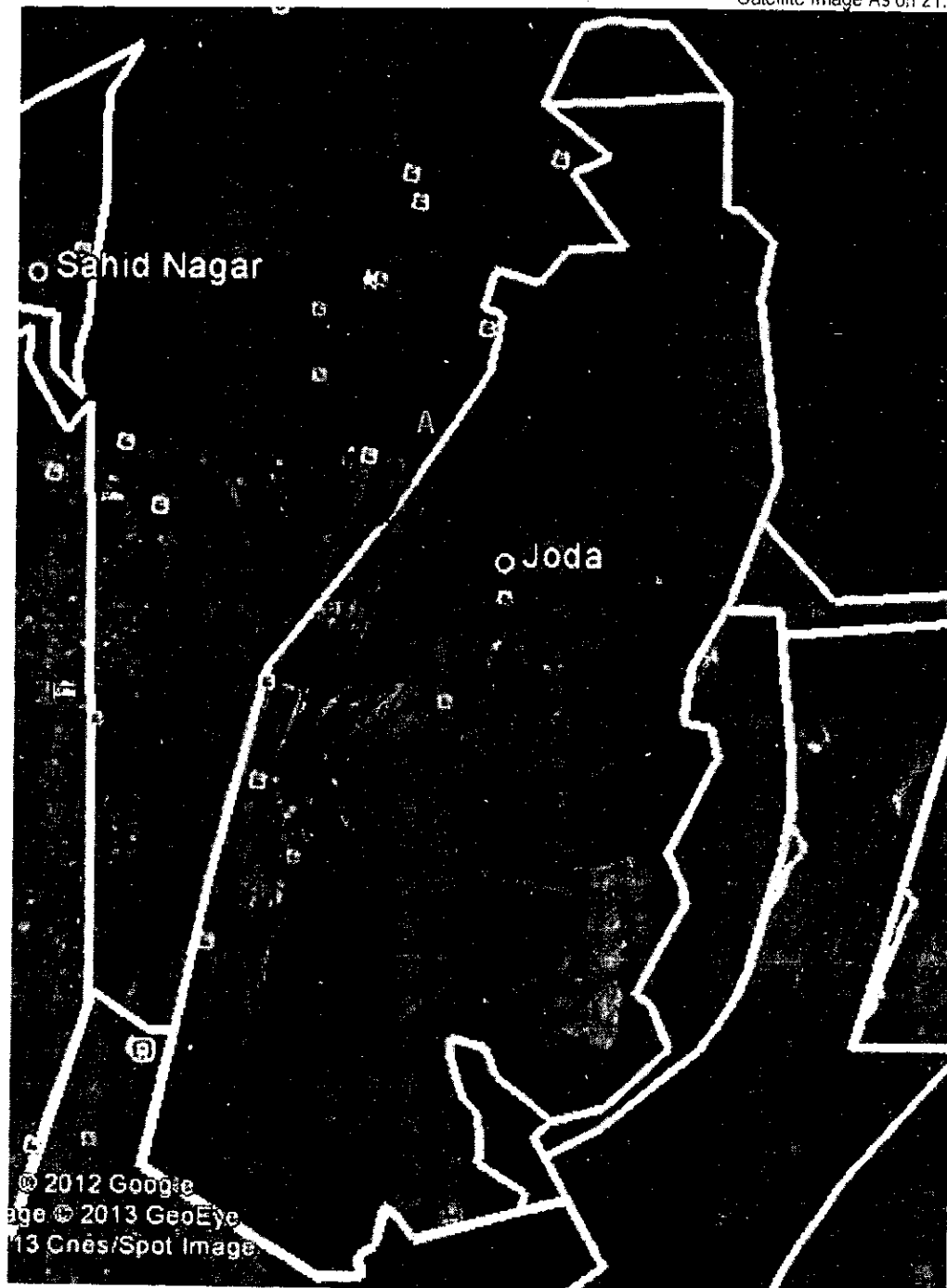
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 Enjoyment of Lease Boundary:	 Encroachment:
 Enjoyment of others' s Lease Boundary:	 Others' s Encroachment

Lessee: M/s TATA Steel Ltd. Joda East Iron & Manganese ore Mines

Area as per lease grant ha.:	X	671.093	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	674.149	A=	2.26
Excess Area occupied (encroachment) (Y-X)=		3.06	Total :	5.32

Satellite Image As on 21.12.2010

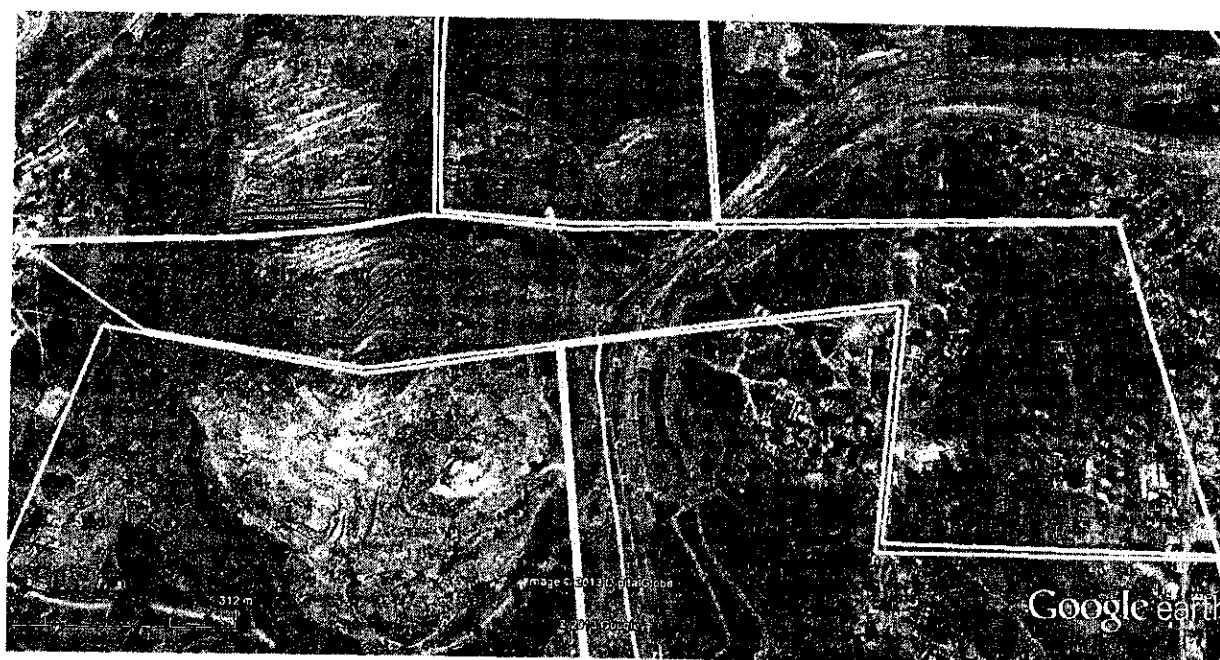





 Enjoyment of Lease Boundary:	 Encroachment:
 Enjoyment of others' s Lease Boundary:	 Others' s Encroachment

Lessee: M/s Kalinga Mining Corporation, Jurudi Iron ore Mines

Area as per lease grant ha.: X	39.173	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	40.4	Total :	1.27
Excess Area occupied (encroachment) (Y-X)=	1.27	Nil	

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

Lessee: M/s Kalinga Mining Corporation, Jurudi Iron ore Mines

Area as per lease grant ha.: X 27.17+ 12.691 = 39.86	Encroachment ha.: A= 2.26	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y 54.5		5.32
Excess Area occupied (encroachment) (Y-X)= 14.64	Total : 2.26	

Satellite Image As on 21.12.2010



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

Table: 2

<div> <div>Table: 2</div> <div> Details of operational mines showing area allotted, area occupied and area encroached (with the pits: A, B, C) </div> </div>									
Pl. No.	Lessee (as per Govt. Notification 1984)	Lease Area (ha.)	Area as per DGPS survey (ha.)	Enjoyment in excess of lease area (Encroachment within the enjoyment) (ha.)	Encroachment in adjoining area		Total Encroachment outside lease (ha.)	PIT	Grand Total Encroachment (Col. 5 + Col. 7) ha.
1	2	3	4	5	6		7	8	9
1	M/s. A.M.T.C. (P) Ltd Mahulsukha Mn Mines	399.839	418.606	18.77	A	10.60	10.60		29.37
2	M/s. A M T C. (P)Ltd., Narayanposi Iron/Mn. Mines	349.254	347.012		A	4.31	4.31		4.31
3	M/s B I Co. Ltd Teherai Iron/Mn. Mines	137.460	136.00		A	6.00	6.00		6.00
4	B.S.Mishra Kanther Koiri Iron/Mn. Mines	13.270	15	1.73	A	0.96	0.96	A	2.69

1	2	3	4	5	6		7	8	9
5	M/s Bhanja Minerals (P) Ltd. Inganijharan Iron & Mn Ore Mines	243.313	257.459	14.15	A	2.00	2.00	A	16.15
6	M/s BPMEL Kolha-Roida Iron & Manganese Ore Mines	254.952	258.389	3.44	A	1.00	1.00	A	4.44
7	C. P. Sharma Raikela -RBT Iron/Mn. Mines	69.971	68		A	5.80	5.80		5.80
8	D.C. Dagara Ghusuria Iron ore mines	92.895	94.6809	1.79	A	0.39	0.65		2.44
					B	0.26			
9	Dr. S Pradhan Baitarani Iron Ore Mines	65.397	68.00	2.60	A	1.33	1.33		3.93
10	M/s Essel Mining & Industries Ltd Jilling-Longalota Iron Ore Mines	456.1	456.04		A	4.00	5.37	A & B	5.37
					B	0.75			
					C	0.62			
11	M/s Essel Mining & Industries Ltd. Unchabali Iron & Manganese Ore Mines	107.306	107.657	0.35	A	3.26	3.26		3.61

1	2	3	4	5	6		7	8	9
12	M/s FACOR Ltd Katasahi Manganese Ore Mines	13.674	13.5		A	4.96	4.96		4.96
13	Smt.Indrani Pattnaik Unchabali Iron Ore Mines	106.112	106.418	0.31	A	4.21	8.11	B	8.42
					B	2.35			
					C	1.55			
14	M/s Jindal Strips Ltd. (JSPL) TRB iron ore Mines	297.848	291.186		A	3.1	3.97		3.97
					B	0.87			
15	M/s Kanakdhara Mining & Minerals (P) Ltd. Bandhal Mn Mines	28.0200	28.40	0.38	A	1.79	1.79	A	2.17
16	K.C.Pradhan Ganua Iron/Mn. Mines	12.56	12.363		A	6.14	6.14	A	6.14
17	M.R.Das Deojhar Iron Ore Mines	11.538	12.940	1.40	A	0.21	0.21	A	1.61
18	M/s. Mala Roy & Others Jalahuri Iron Ore Mines	182.109	179.00		A	1.35	1.35		1.35

1	2	3	4	5	6		7	8	9
19	M/s. OMC Ltd Kurmitar Iron mines	1212.47	1218	5.53	A	1.23	1.23	A	6.76
20	M/s. O.M.D.Co. Roida-Bhadrasahi Iron Ore Mines	998.700	997.09		A	1.64	1.80		1.80
					B	0.16			
21	M/s Rungta Sons (P) Ltd Oraghat Iron Ore Mines	82.916	84.9	1.98	A	0.74	0.74		2.72
22	M/s Rungta Sons (P) Ltd Katasahi Manganese Ore Mines	196.86	206.341	9.48	A	4.64	8.77		18.25
					B	4.13			
23	S. A. Karim Ashanbani Iron ore mines	1.1570	1.1147		A	3.00	3.60		3.60
					B	0.60			
24	S.A.Halim Oraghat Iron/Mn. Mines	25.809	26.397	0.59	A	0.41	0.41		1.00
25	S.C Padhi Bansapani Iron & Manganese Ore Mines	41.6820	41.00		A	1.19	1.19		1.19
26	Prabodh Mohanty Nuagaon Iron/ Mn. Mines	29.257	30.6	1.34	A	2.66	2.66		4.00

1	2	3	4	5	6		7	8	9
27	S.N.Mohanty Unchabali Iron & Manganese Ore Mines	8.133	8.913	0.78	A	0.97	1.44		2.22
					B	0.47			
28	S.N.Paul Katasahi Manganese Ore Mines	9.7004	9.96	0.26	A	1.00	1.00	A	1.26
29	M/s Tata Steel Ltd.Malda Mn ore Mines Block I	1734.272	1734.272		A	1.94	2.75		2.75
					B	0.81			
30	M/s Tata Steel Ltd.Malda Mn ore Mines Block II				A	5.8	5.90		5.90
					B	0.1			
31	M/s Tata Steel Ltd. Malda Mn ore Mines Block III				A	14.4	17.50	B	17.50
					B	3.1			
32	M/s Zenith Mining Pvt. Ltd Ganua Iron/Mn. Mines	129.179	130.00	0.82	A	0.56	0.73	A & B	1.55
					B	0.17			
33	B.C.Deb Inganijharan Iron & Manganese Ore Mines	114.93	118.264	3.33			0.00		3.33
34	M/s BPMEL Dalki Manganese Ore Mines	266.77	299.579	32.81			0.00		32.81

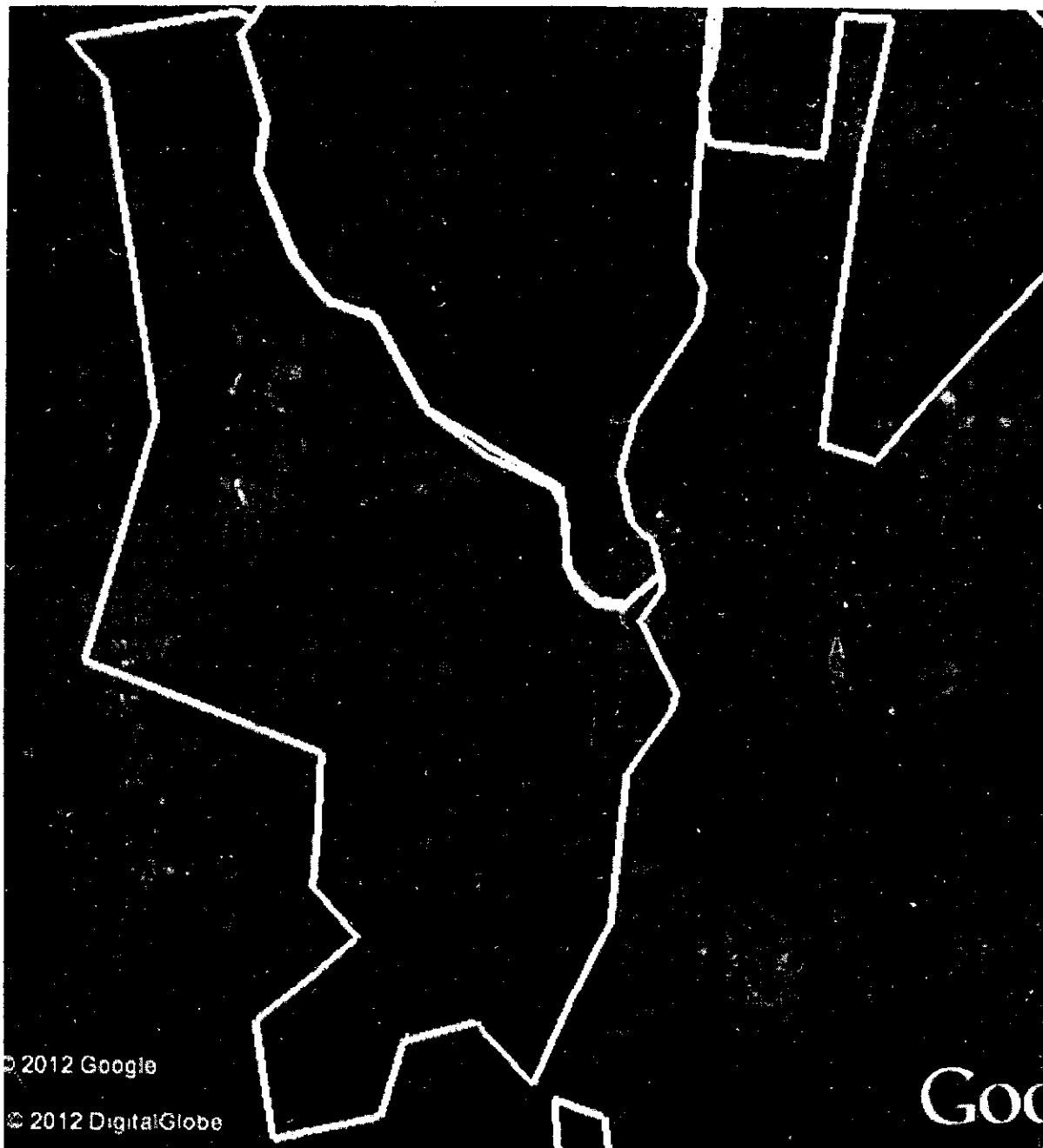
1	2	3	4	5	6	7	8	9
35	M/s BPMEL Thakurani Iron & Manganese Ore Mines	1546.55	1766.722	220.17		0.00		220.17
36	M/s.Narayani Sons (P) Ltd.Laupada Iron Mines	141.336	142.5978	1.26		0.00		1.26
37	M/s O.M.C Ltd Banspani Iron Ore Mines	380.40	401.75	21.35		0.00		21.35
38	M/s O.M.C Ltd Dubuna Manganese Ore Mines	1135.43	1318	182.58		0.00		182.58
39	M/s O.M.C Ltd Tiring Pahar Iron Ore Mines	79.3	81.479	2.18		0.00		2.18
40	M/s. OMC Ltd Kasira Iron mines	418.335	430.335	12.00		0.00		12.00
41	M/s. OMC Ltd. Rantha Iron Mines	408.873	413.288	4.42		0.00		4.42
42	M/s. OMC Ltd. Daitari Iron Ore Mines	1812.99	1901.079	88.09		0.00		88.09
43	M/s O.M.C Ltd Balda-Palsa- Jajang Iron Ore Mines	861.521	878	16.48		0.00		16.48

1	2	3	4	5	6		7	8	9
44	S.N.Mohanty Raikela iron Ore Mines	18.315	19.383	1.07			0.00		1.07
45	M/s SAIL Bolani Iron Ore Mines	1321.45	1331.62	10.17			0.00		10.17
46	M/s Sun Alloys & Mineral (P) Ltd Patmunda Mn Mines	81.197	84.2	3.00			0.00		3.00
47	M/s T.B.Lal & Co. Kasia- Barpada Iron Ore Mines	77.497	80.6704	3.17			0.00		3.17
48	Illegal mining Pit in west of OMDC mines Belkundi and north of Bagaiburu				A	54.00	54.00	A	54.00
	Total area	15976.64	16626.20	667.78			171.53		836.31

Lessee: M/s A. M. T. C. (P) Ltd MahasukulMn Mines

Area as per lease grant ha :	X	399.839	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	y	418.606	A= 10.6	29.39
Excess Area occupied (encroachment) (Y-X)=	18.767		Total.: 10.6	

Satellite Image As on 17/03/2011



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Enjoyment of Lease Boundary:

Lease Encroachment:



Enjoyment of others' s Lease Boundary:

Lessee: M/s A.M.T.C. (P) Ltd. Narayanposi Iron/ Mn Mines

Area as per lease grant ha.: X	349.25	Encroachment ha.: A=	4.31	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	347.012			
Excess Area occupied (encroachment) Ha: (Y-X)=	Nil	Total.: 4.31		4.31

Satellite Image As on 15/02/2011

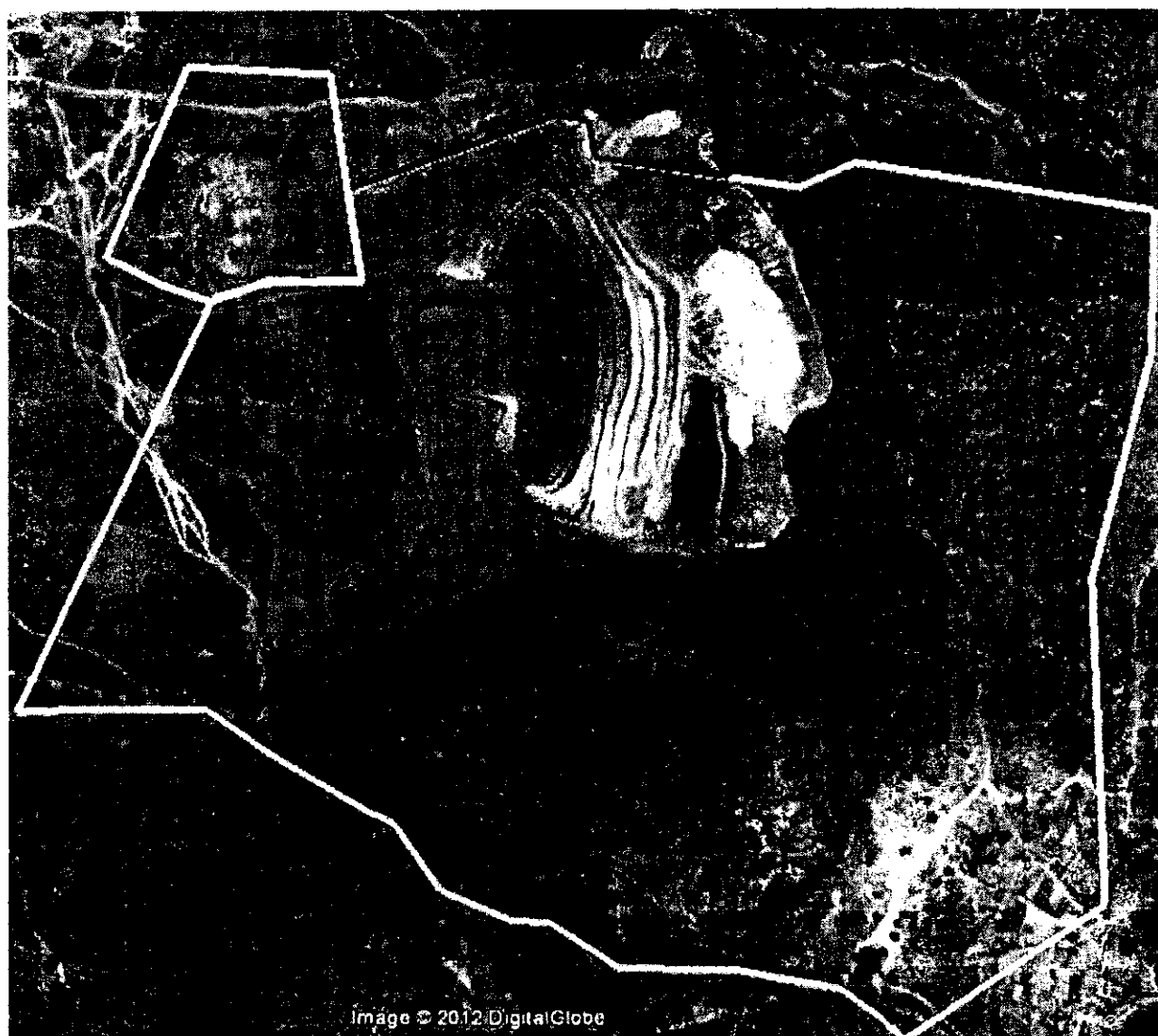


 Enjoyment of Lease Boundary:	 Encroachment:
 Enjoyment of others' s Lease Boundary:	 Others' s Encroachment

Lessee: M/s B.I.Co. Ltd., Teherai Iron/Mn Mines

Area as per lease grant ha.:	X	137.46	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	136.00	A=	6.00	6.00
Excess Area occupied (encroachment) (Y-X)= nil			Total :	6.00	

Satellite Image As on 15/02/2011



Enjoyment of Lease Boundary:

Encroachment:

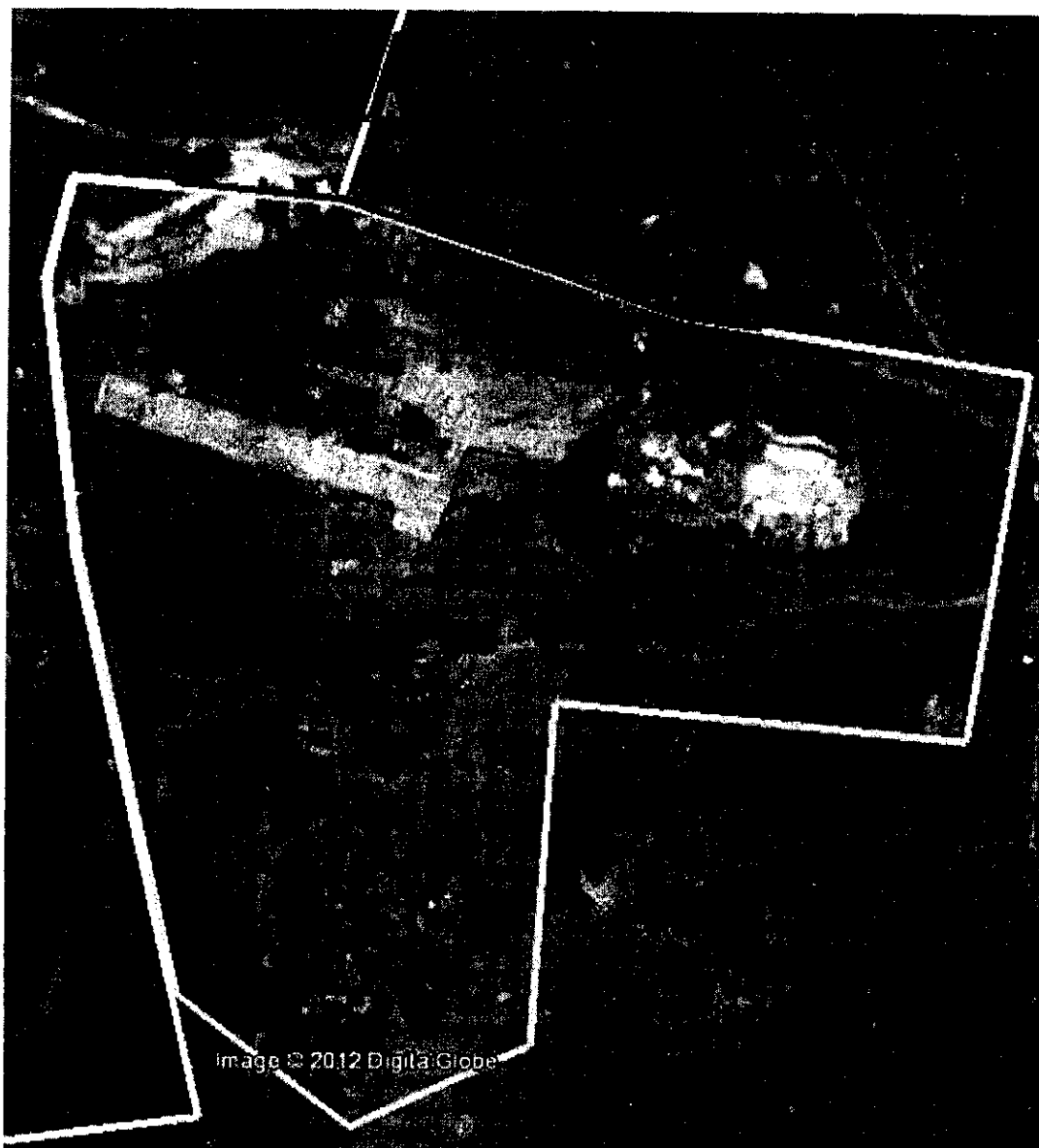


Enjoyment of others' s Lease Boundary:

Lessee: B. S. Mishra, Kanther Koira Iron/Mn Mines

Area as per lease grant ha.:	X	13.27	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	15.00	A=	0.96	2.69
Excess Area occupied (encroachment) (Y-X)=		1.73	Total :	0.96	

Satellite Image As on 15/02/2011







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

Lessee: M/s Bhanja Minerals(P) Ltd. Inganijharan Iron/Mn Mines

Area as per lease grant ha.:	X	243.313	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha.:	Y	257.459	A= 2.00	16.15
Excess Area occupied (encroachment) (Y-X)=		14.15	Total : 2.00	

Satellite Image As on 21.12.2010

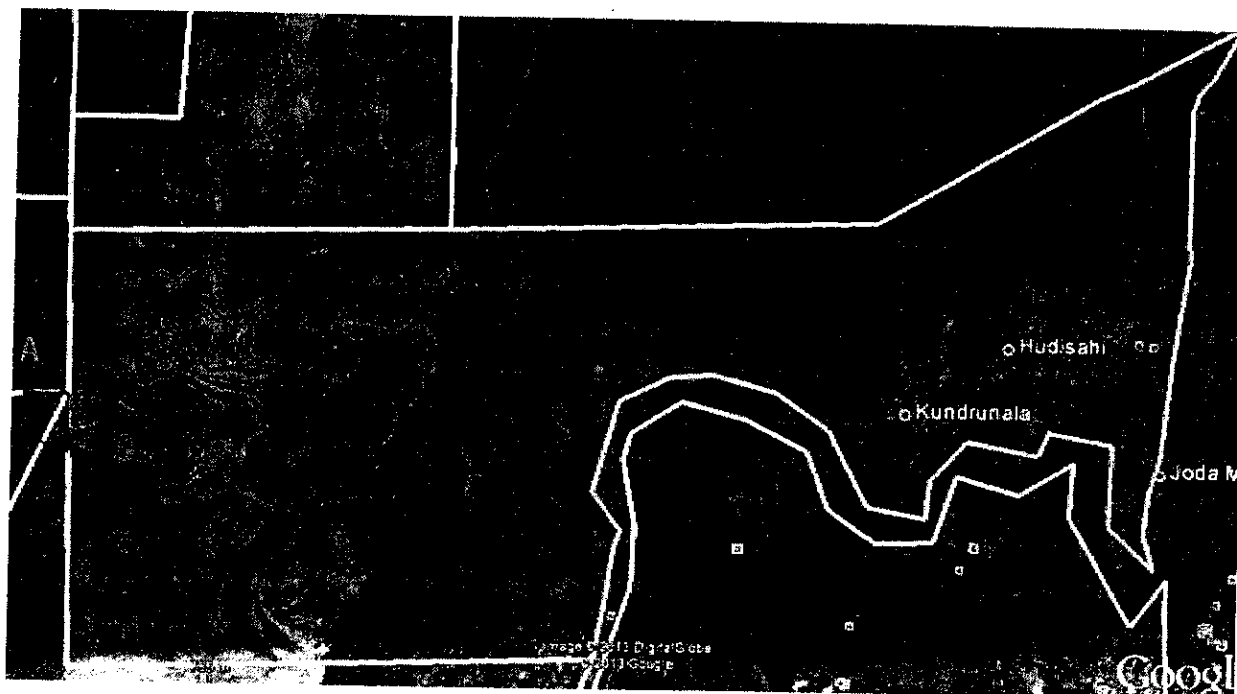




 Enjoyment of Lease Boundary:	 Encroachment:
 Enjoyment of others' s Lease Boundary:	 Others' s Encroachment

Lessee: M/S BPMEL Kolha-Roida Iron & Mn Ore Mines

Area as per lease grant ha.:	X	254.952	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	258.389	A=	4.44
Excess Area occupied (encroachment)	(Y-X)=	3.44	Total :	1.00

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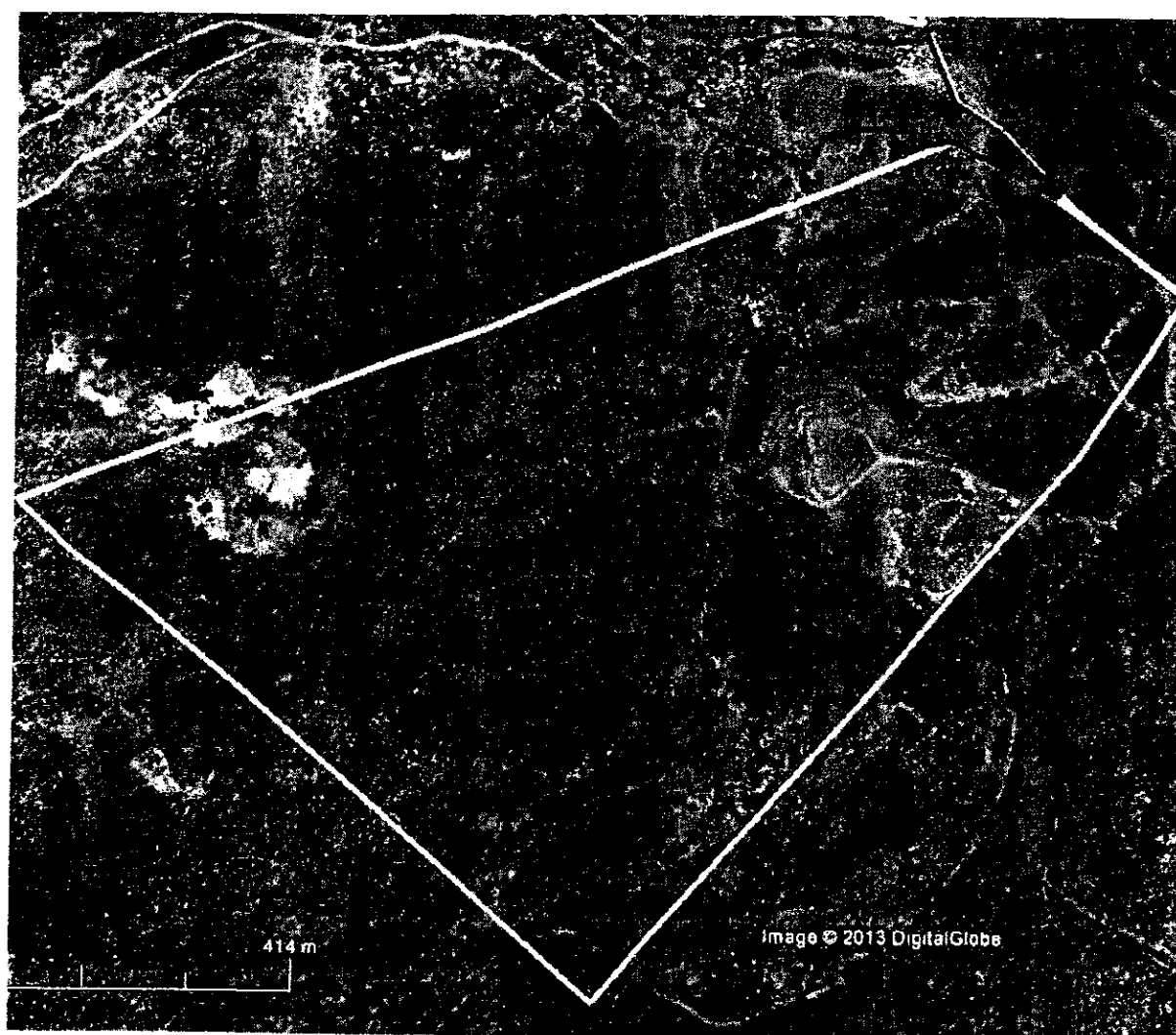


	Enjoyment of Lease Boundary:	Encroachment:
	Enjoyment of others' s Lease Boundary:	

Lessee C. P. Sharma, Raikela RBT Iron/Mn Mines

Area as per lease grant ha.:	X	69.971	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	68.00	A=	5.80
Excess Area occupied (encroachment) (Y-X)=	Nil		Total :	5.80

Satellite Image As on 09.03.2011



Lessee: D. C. Dagara, Ghusria Iron ore Mines

Area as per lease grant ha.:	X	92.895	Encroachment ha.:	Grand total	Encroachment ha
Area as per enjoyment boundary ha:	Y	94.6809	A=	0.39	2.44
Excess Area occupied (encroachment) (Y-X)=		1.79	B=	0.26	
			Total :	0.65	

Satellite Image As on 06.01.2007



Enjoyment of Lease Boundary:

Encroachment:



Enjoyment of others' s Lease Boundary:

Lessee: Dr. S Pradhan Baitarini Iron ore Mines

Area as per lease grant ha.:	X	65.379	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	68.00	A=	1.33
Excess Area occupied (encroachment) (Y-X)=		2.60	Total :	3.93

Satellite Image As on 15/02/2011



Enjoyment of Lease Boundary:

Encroachment:





Enjoyment of others' Lease Boundary:

Lessee: *M/S ESSEL Mining & Industries Ltd Jilling-Longalota Iron ore Mines*

Area as per lease grant ha:	X	456.10	Encroachment ha.:	Grand total	Encroachment ha
Area as per enjoyment boundary ha:	Y	456.04	A=	4.00	
Excess Area occupied (encroachment) (Y-X)=	Nil		B=	0.75	5.37
			C=	0.62	
			Total :	5.37	

Satellite Image As on 21.12.2010



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

Lessee: M/S ESSEL Mining & Industries Ltd., Unchabali Iron & Mn ore Mines

Area as per lease grant ha.:	X	107.306	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	107.657	A= 3.26	
Excess Area occupied (encroachment) (Y-X)=		0.35	Total : 3.26	3.61

Satellite Image As on 21.12.2010



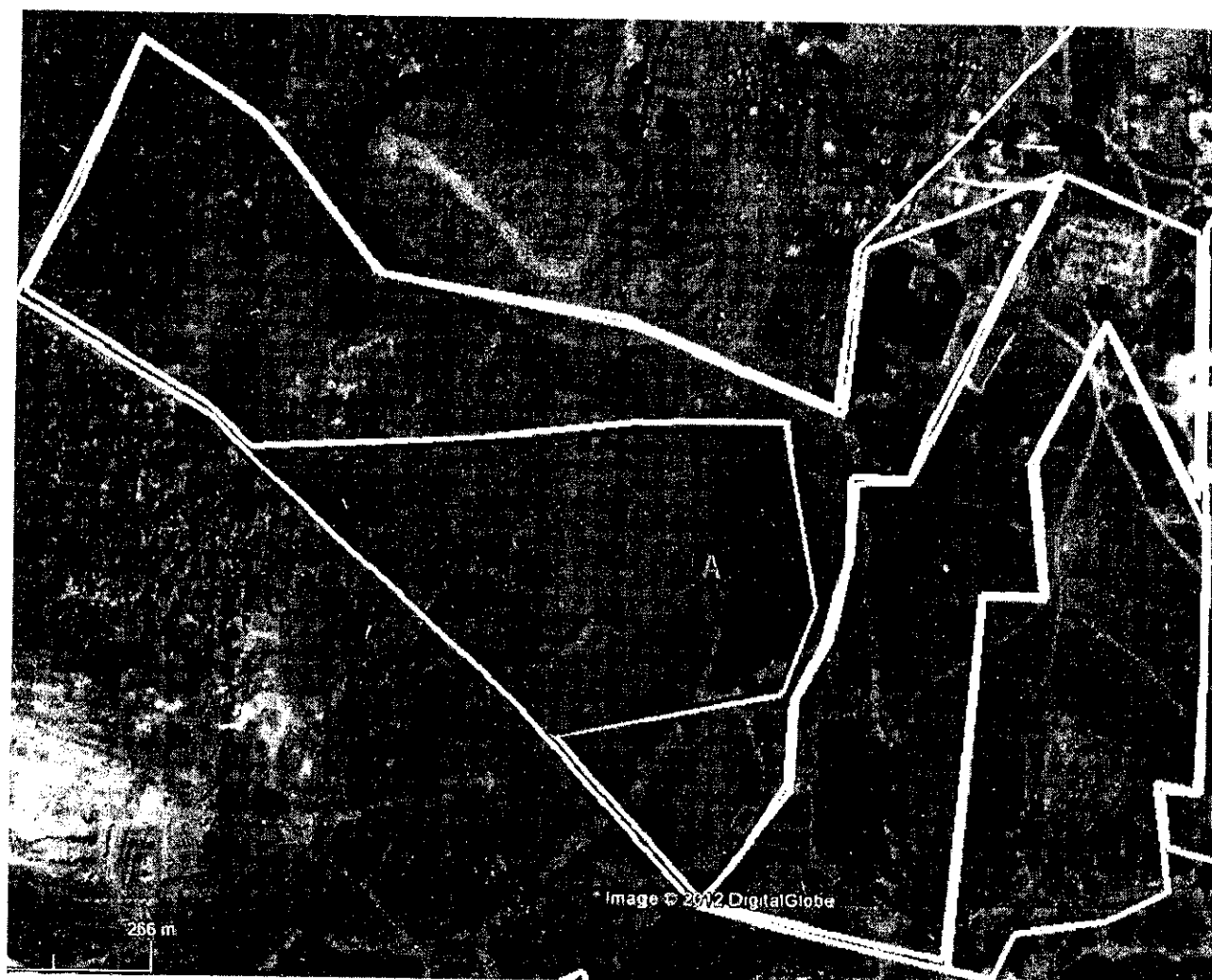
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 Enjoyment of Lease Boundary:	 Encroachment:
 Enjoyment of others' s Lease Boundary:	 Others' s Encroachment

Lessee: M/S FACOR Ltd. Katasahi Manganese ore Mines

Area as per lease grant ha.:	X	13.674	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	13.50	A=	4.96
Excess Area occupied (encroachment) (Y-X)=	Nil		Total :	4.96

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Lessee: Smt Indrani Patnaik Unchabali Iron ore Mines

Area as per lease grant ha.: X	106.112	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	106.418	A= 4.21	
Excess Area occupied (encroachment) (Y-X)=	0.31	B= 2.35	8.42
		C= 1.55	
		Total : 8.11	

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 Enjoyment of Lease Boundary:

Encroachment:

 Enjoyment of others' s Lease Boundary:

Lessee: M/S Jindal Steel Power Ltd., TRB Iron ore Mines

Area as per lease grant ha.:	X	297.848	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	291.186	A=	3.10
Excess Area occupied (encroachment) (Y-X)=	Nil		B=	0.87
			Total :	3.97

Satellite Image As on 09.03.2011



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

Lessee: M/S Kanakdhara Mining & Minerals (P) Ltd. Bhandhal Mananese Mines

Area as per lease grant ha.: X	28.02	Encroachment ha.: A=	1.79	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	28.40			2.17
Excess Area occupied (encroachment) (Y-X)=	0.38	Total :	1.79	

Satellite Image As on 15.02.2011



Enjoyment of Lease Boundary:

Encroachment:

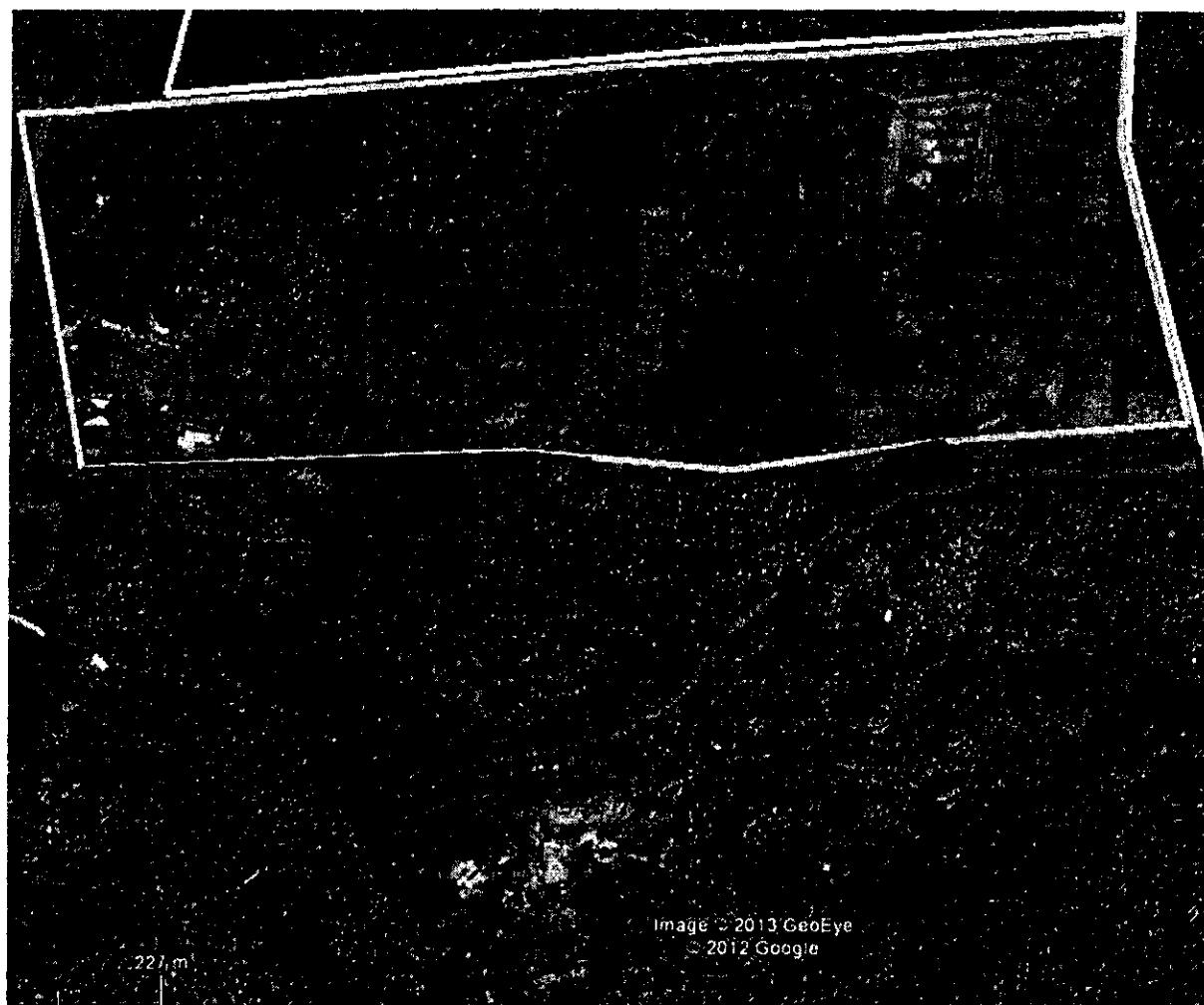


Enjoyment of others' s Lease Boundary:

Lessee: K. C. Pradhan, Ganua Iron/Mn Mines

Area as per lease grant ha.:	X	12.56	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	12.363	A=	6.14
Excess Area occupied (encroachment) (Y-X)=	Nil		Total :	6.14

Satellite Image As on 21.12.2010



Enjoyment of Lease Boundary:

Encroachment:

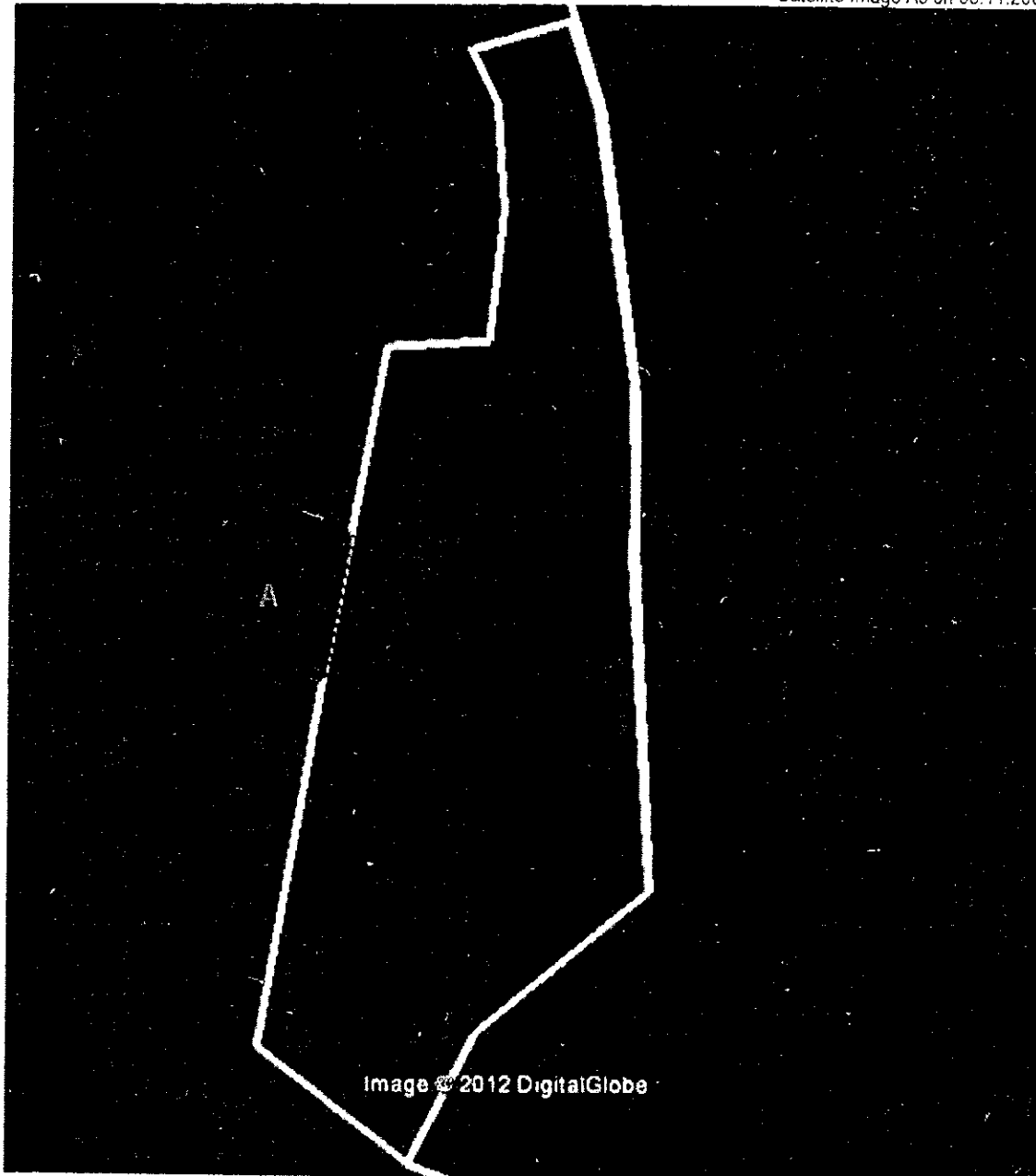


Enjoyment of others' s Lease Boundary:

Lessee: M. R. Das, Deojhar Iron ore Mines

Area as per lease grant ha.: X	11.538	Encroachment ha.: A=	0.21	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	12.940			1.61
Excess Area occupied (encroachment) (Y-X)=	1.40	Total :	0.21	

Satellite Image As on 05.11.2004

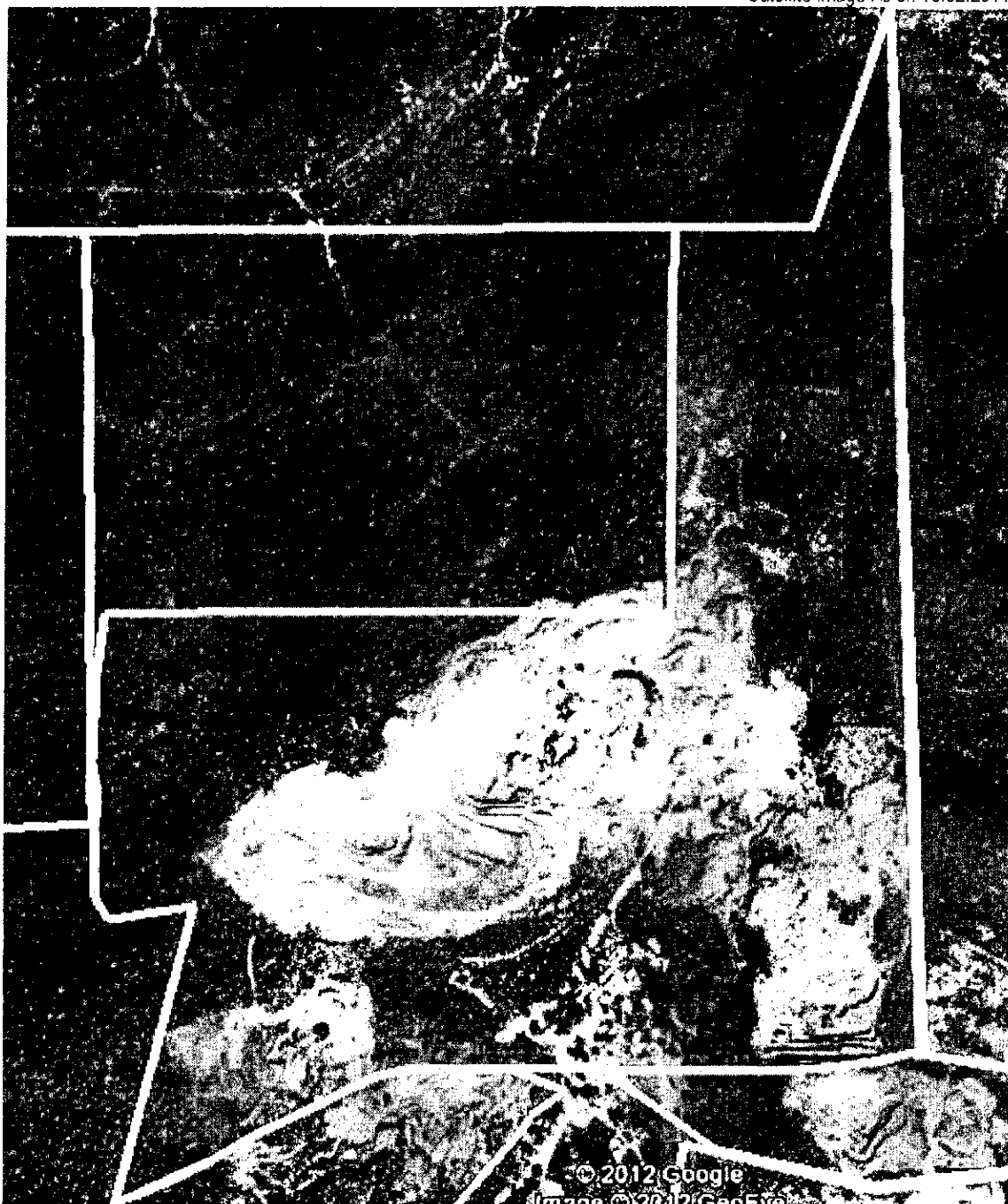


 Enjoyment of Lease Boundary:	Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/S Mala Roy and Others, Jalahuri Iron ore Mines

Area as per lease grant ha.:	X	182.109	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	179.00	A=	1.35
Excess Area occupied (encroachment) (Y-X)=	Nil		Total :	1.35

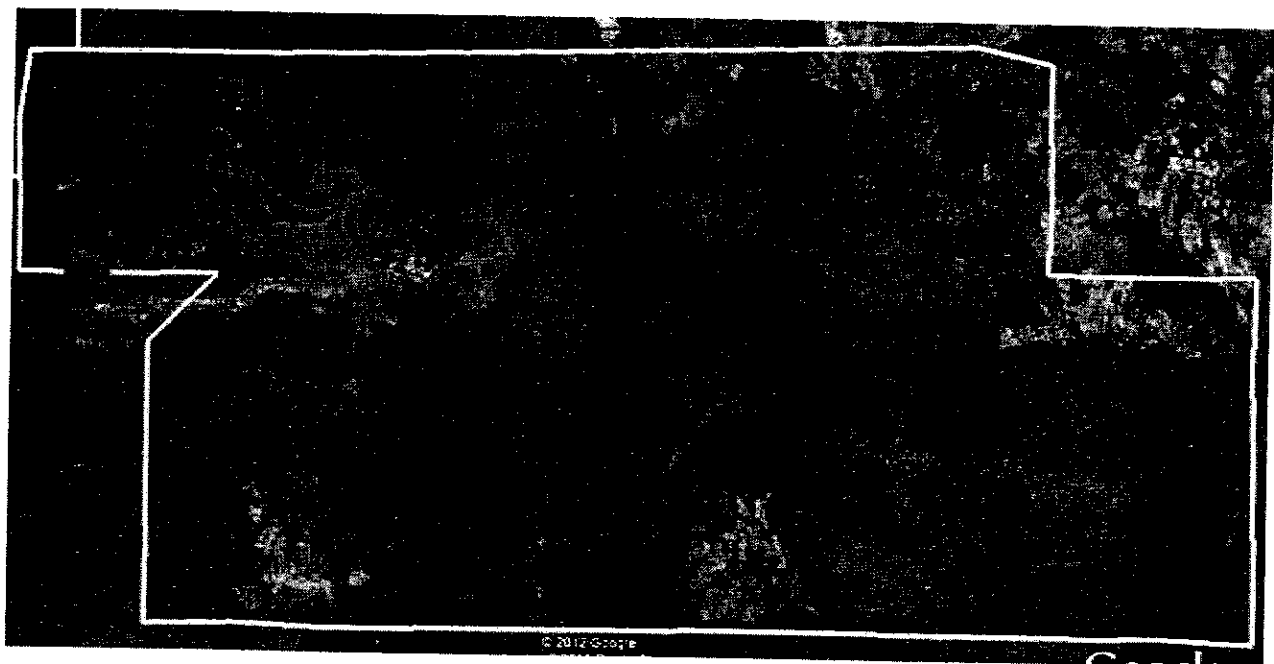
Satellite Image As on 15.02.2011



Lessee: M/s O.M. C. Ltd., Kurmita Iron ore Mines

Area as per lease grant ha.:	X	1212.47	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	1218.00	A= 1.23	
Excess Area occupied (encroachment) (Y-X)=		5.53	Total : 1.23	6.76

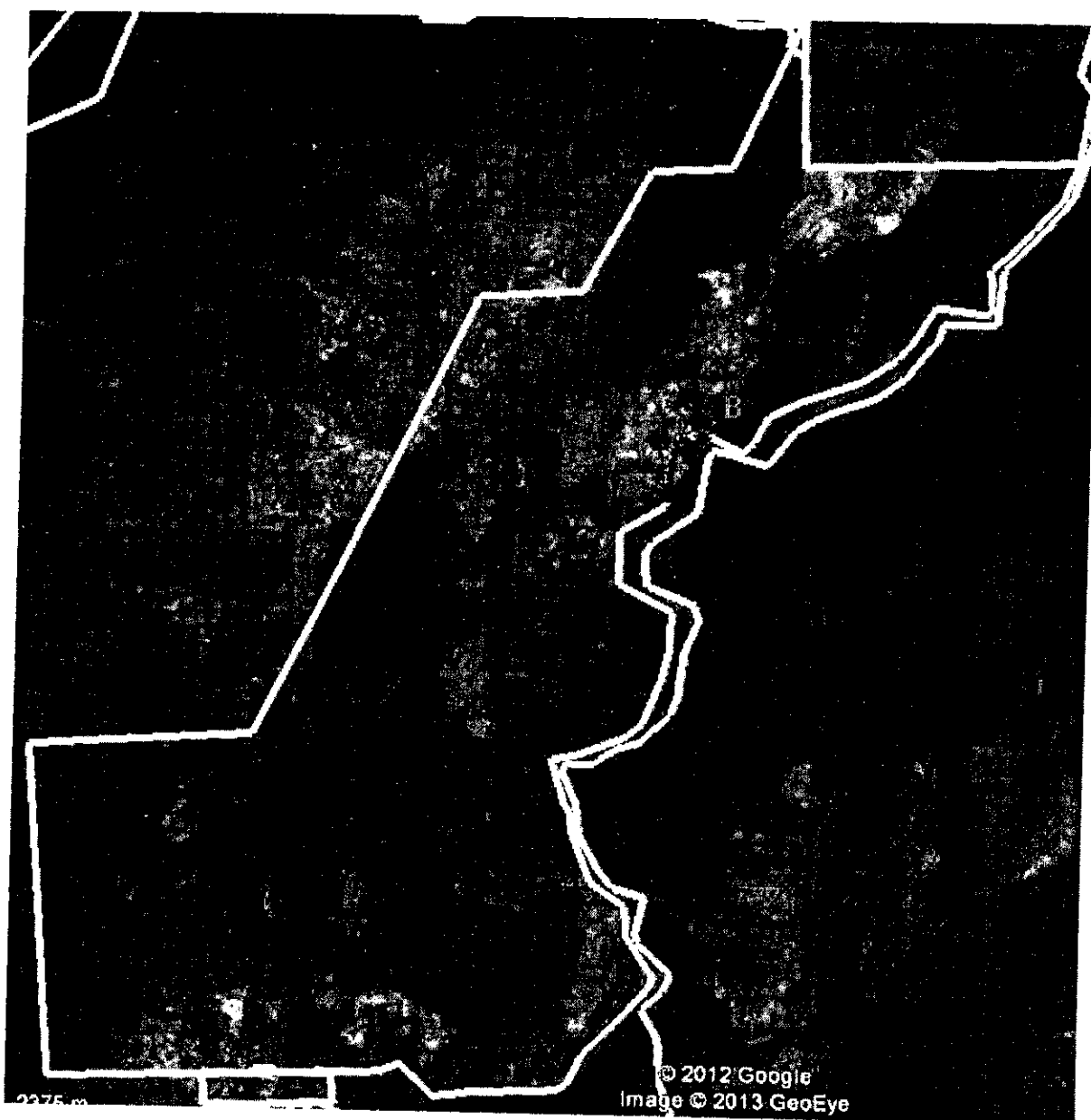
Satellite Image As on 09.03.2012







Lessee: M/s O.M. D. C. Roida Bhadrasahi Iron ore Mines

Area as per lease grant ha.:	X	998.700	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	997.09	A=	1.64
Excess Area occupied (encroachment) (Y-X)=	Nil		B=	0.16
			Total :	1.80

Satellite Image As on 15.02.2011

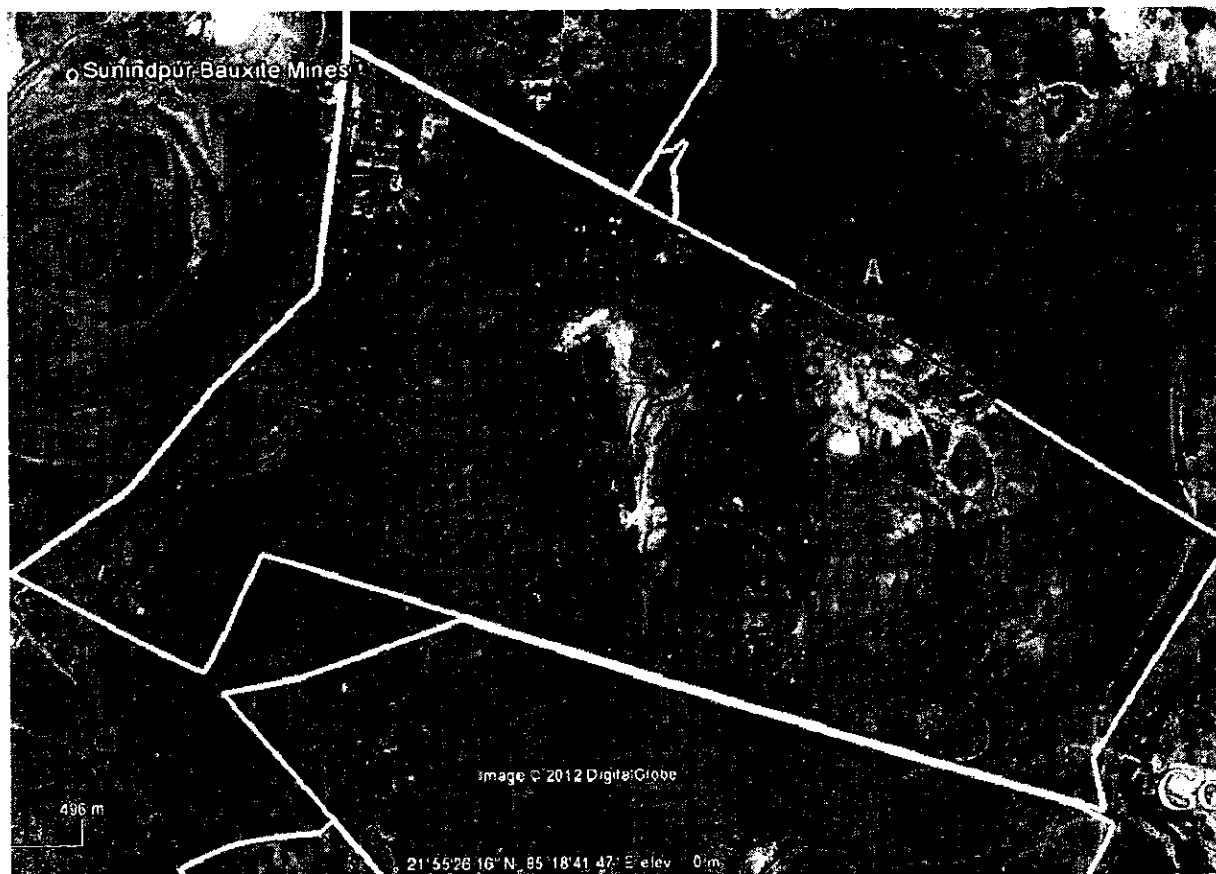





 Enjoyment of Lease Boundary:	 Encroachment:
 Enjoyment of others' s Lease Boundary:	 Others' s Encroachment

Lessee: M/s Rungta Sons (P) Ltd. Oraghat Iron ore Mines

Area as per lease grant ha.:	X	82.916	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	84.90	A=	0.74
Excess Area occupied (encroachment) (Y-X)=		1.98	Total :	0.74
				2.72

Satellite Image As on 15.02.2011



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

Lessee: M/s Rungta Sons (P) Ltd. Katasahi Manganese ore Mines

Area as per lease grant ha.:	X	196.86	Encroachment ha.:		Grand total	Encroachment ha
Area as per enjoyment boundary ha:	Y	206.341	A=	4.64		
Excess Area occupied (encroachment) (Y-X)=		9.48	B=	4.13	18.25	
			Total :	8.77		

Satellite Image As on 21.12.2010



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

Lessee: S. A. Karim Asanbani Iron ore Mines

Area as per lease grant ha.:	X	1.157	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	1.1147	A=	3.00
Excess Area occupied (encroachment) (Y-X)=	Nil		B=	0.60
			Total :	3.60

Satellite Image As on 05.01.2010



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Enjoyment of Lease Boundary:

Encroachment:



Enjoyment of others' s Lease Boundary:

Lessee: S. A. Halim Oraghat Iron/ Mn ore Mines

Area as per lease grant ha.:	X	25.809	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	26.397	A=	0.41	
Excess Area occupied (encroachment) (Y-X)=		0.59	Total :	0.41	1.00

Satellite Image As on 15.02.2011

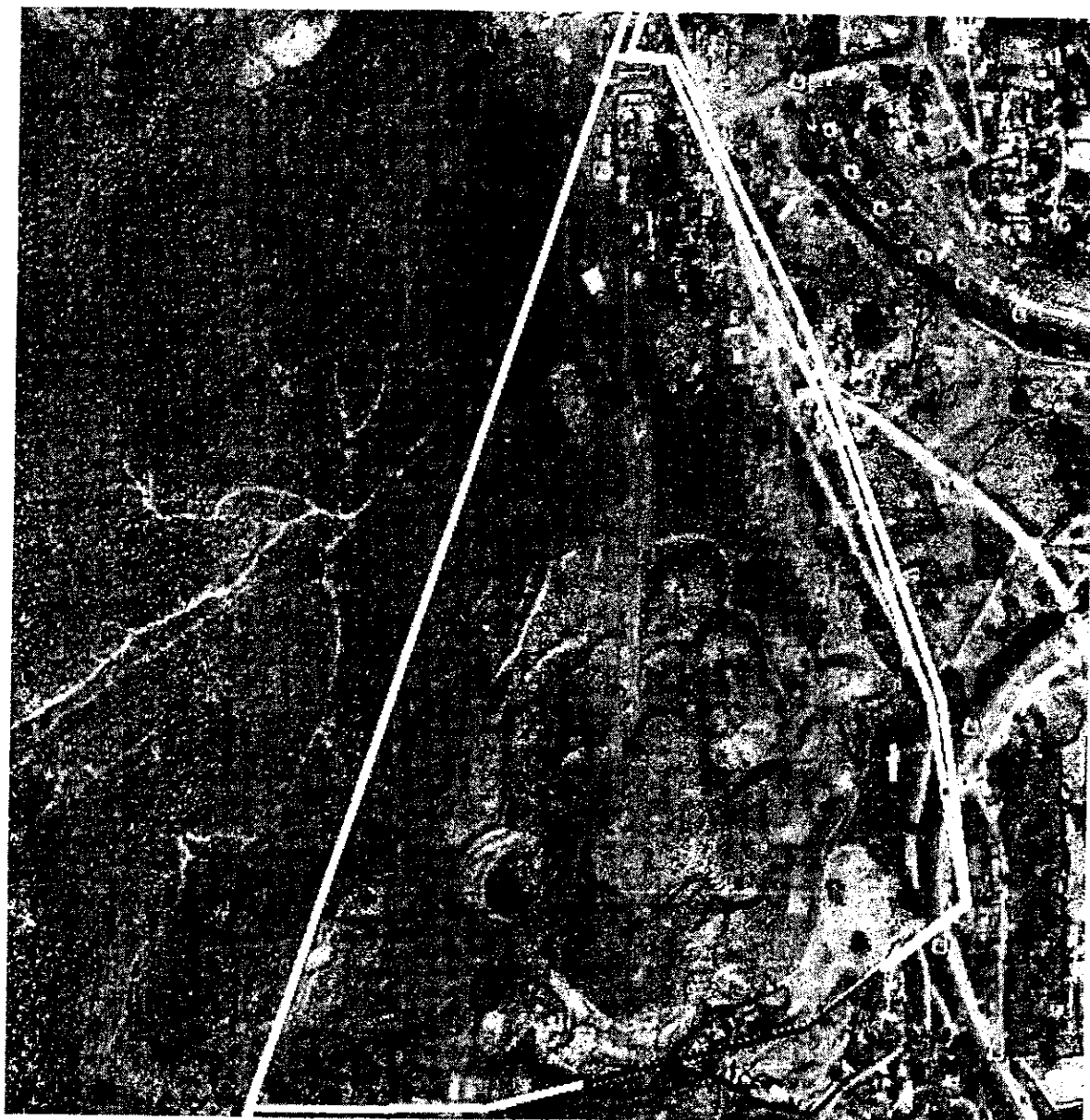


	Enjoyment of Lease Boundary:	Encroachment:
	Enjoyment of others' s Lease Boundary:	

Lessee: S. C. Padhee Banspani Iron & Manganese ore Mines

Area as per lease grant ha.:	X	41.6820	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	41.00	A=	1.19
Excess Area occupied (encroachment) (Y-X)=		Nil	Total :	1.19

Satellite Image As on 21.12.2010



Enjoyment of Lease Boundary:

Encroachment:



Enjoyment of others' s Lease Boundary:

Lessee: Prabodh Mohanty Nuagaon Iron / Manganese ore Mines

Area as per lease grant ha.:	X	29.257	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	30.60	A=	2.66
Excess Area occupied (encroachment) (Y-X)=		1.34	Total :	4.00

Satellite Image As on 21.12.2010



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

Lessee: S. N. Mohanty Unchabali Iron & Manganese ore Mines

Area as per lease grant ha.:	X	8.133	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	8.913	A=	0.97
Excess Area occupied (encroachment) (Y-X)=		0.78	B=	0.47
			Total :	1.44
				2.22

Satellite Image As on 21.12.2010



Enjoyment of Lease Boundary:

Encroachment:

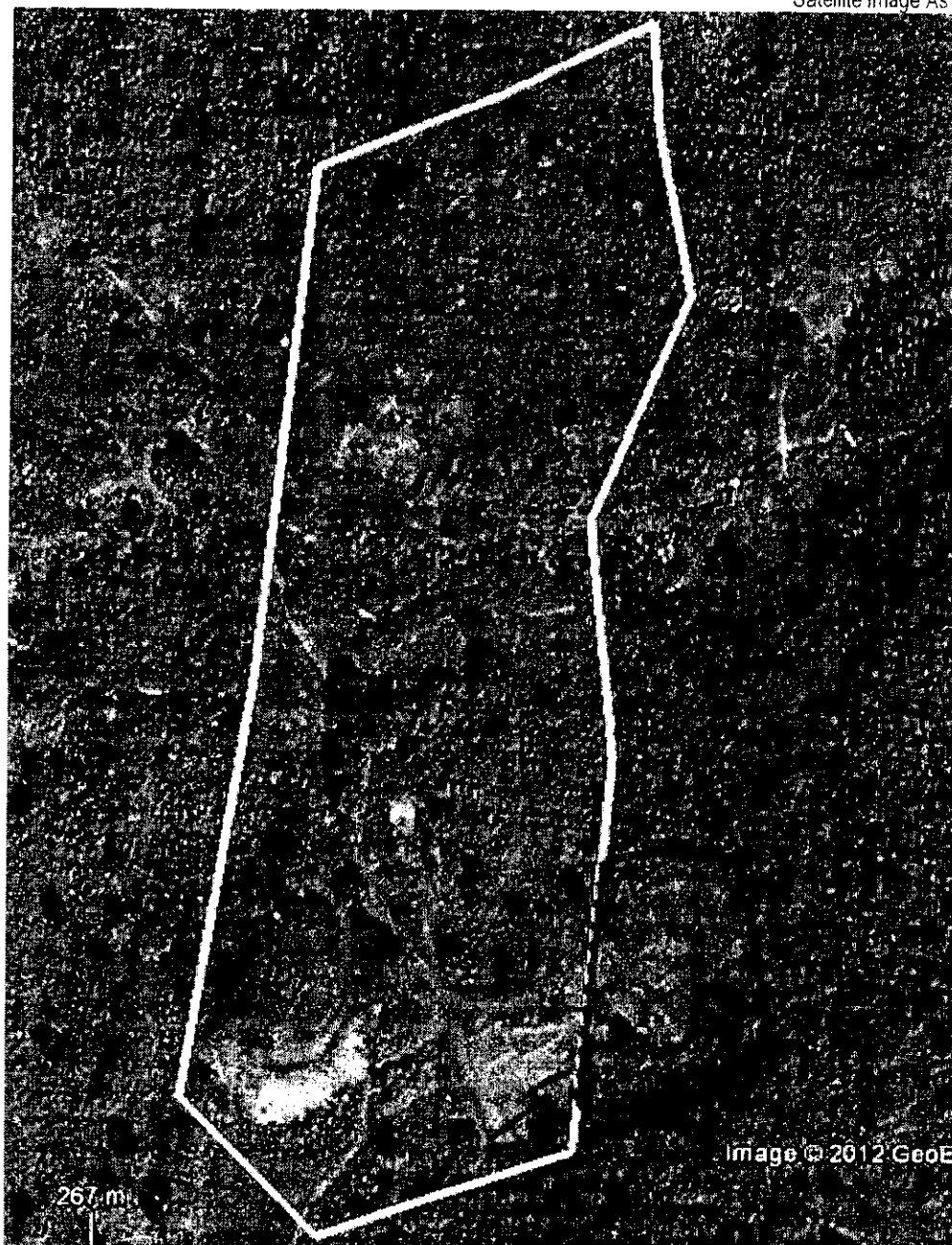


Enjoyment of others' s Lease Boundary:

Lessee: S. N. Paul Katasahi Manganese ore Mines

Area as per lease grant ha.: X	9.7004	Encroachment ha.: A=	1.00	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	9.96			
Excess Area occupied (encroachment) (Y-X)=	0.26	Total :	1.00	1.26

Satellite Image As on 21.12.2010



Enjoyment of Lease Boundary:

Encroachment:



Enjoyment of others' s Lease Boundary:

Lessee: M/s TATA Steel Ltd. Malda Mn ore Mines Block-I

Area as per lease grant ha.:	X	1734.272	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	1734.272	A=	1.94
Excess Area occupied (encroachment) (Y-X)=	Nil		B=	0.81
			Total :	2.75

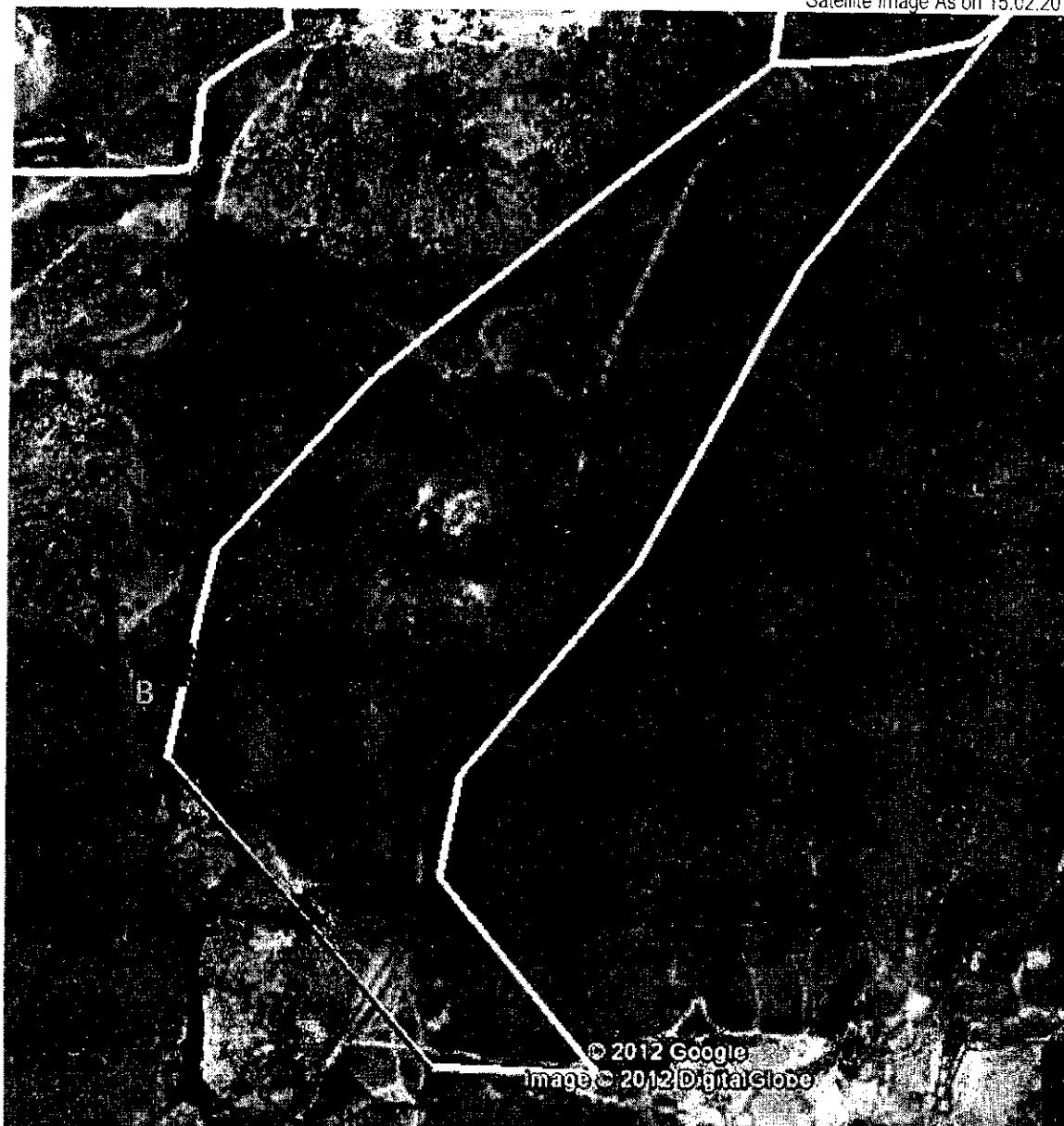
Satellite Image As on 15.02.2011



Lessee: M/s TATA Steel Ltd. Malda Mn ore Mines Block-II

Area as per lease grant ha.:	X	1734.272	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	1734.272	A=	5.80
Excess Area occupied (encroachment) (Y-X)=	Nil		B=	0.10
			Total :	5.90

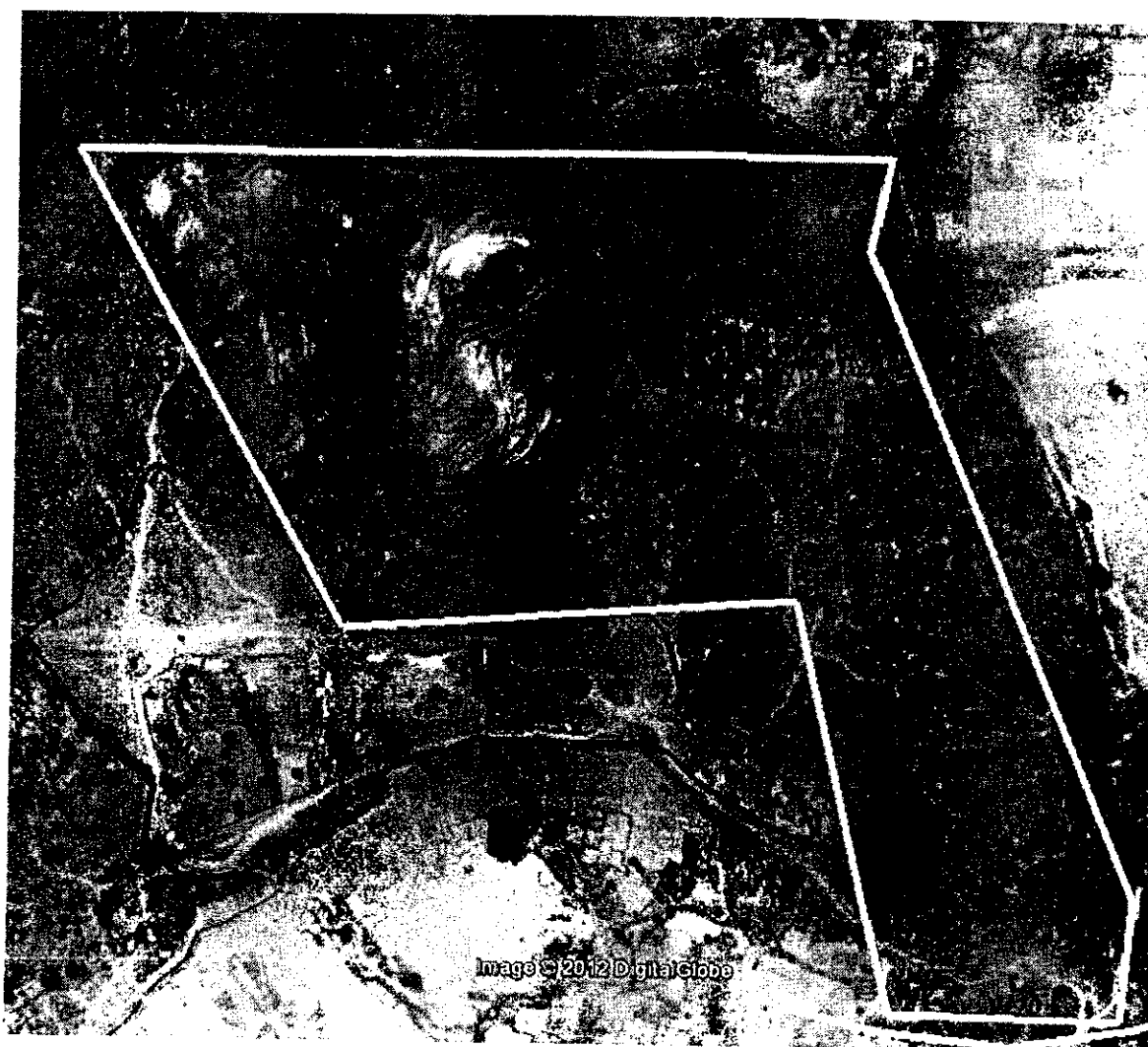
Satellite Image As on 15.02.2011





Lessee: M/s TATA Steel Ltd. Malda Mn ore Mines Block-III

Area as per lease grant ha.:	X	1734.272	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	1734.272	A=	14.40
Excess Area occupied (encroachment) (Y-X)=	Nil		B=	3.10
			Total :	17.50

Satellite Image As on 15.02.2011



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

Lessee: M/s Zenith Mining Pvt. Ltd. Ganua Iron/ Mn ore Mines

Area as per lease grant ha.:	X	129.179	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	130.00	A=	0.56	
Excess Area occupied (encroachment) (Y-X)=		0.82	B=	0.17	1.55
			Total :	0.73	

Satellite Image As on 15.02.2011



Enjoyment of Lease Boundary:

Encroachment:



Enjoyment of others' s Lease Boundary:

Lessee: B. C. Deb, Inganijharan Iron/Mn Mines

Area as per lease grant ha.:	X	114.93	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	118.264	A=	0	3.33
Excess Area occupied (encroachment) (Y-X)=		3.33	Total :	nil	

Satellite Image As on 21/12/2010

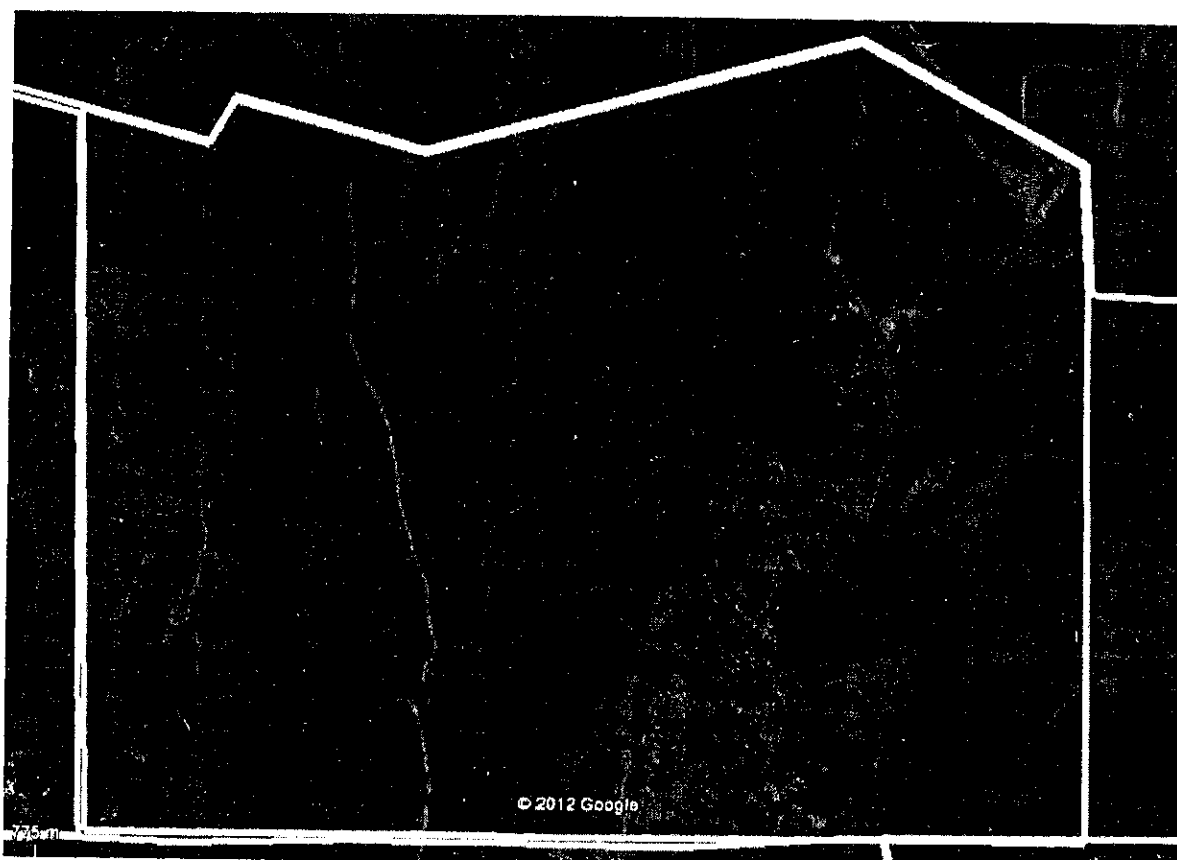


	Enjoyment of Lease Boundary:		Others' s Encroachment
	Enjoyment of others' s Lease Boundary:		

Lessee: M/S BPMEL, Dalki Manganese Mines

Area as per lease grant ha.: X	266.77	Encroachment ha.: A=	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	299.579		32.81
Excess Area occupied (encroachment) (Y-X)=	32.81	Total : Nil	

Satellite Image As on 15/02/2011



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

Lessee: M/S BPMEL, Thakurani Iron/Mn Mines

Area as per lease grant ha.: X	1546.55	Encroachment ha.: A=	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	1766.722		220.17
Excess Area occupied (encroachment) (Y-X)=	220.17	Total : Nil	

Satellite Image As on 15/02/2011



Enjoyment of Lease Boundary:

Encroachment:

Enjoyment of others' s Lease Boundary:

Lessee: M/S Narayani Sons Luapada Iron ore Mines

Area as per lease grant ha.:	X	141.3360	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	142.598		
Excess Area occupied (encroachment) (Y-X)=		1.26	Total : Nil	1.26

Satellite Image As on 15.02.2011



Enjoyment of Lease Boundary:

Encroachment:

Enjoyment of others' s Lease Boundary:

Lessee: M/s O.M. C. Ltd., Banspani Iron ore Mines

Area as per lease grant ha.:	X	38040	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	401.75		
Excess Area occupied (encroachment) (Y-X)=		21.35	Total : Nil	21.35

Satellite Image As on 21.12.2010

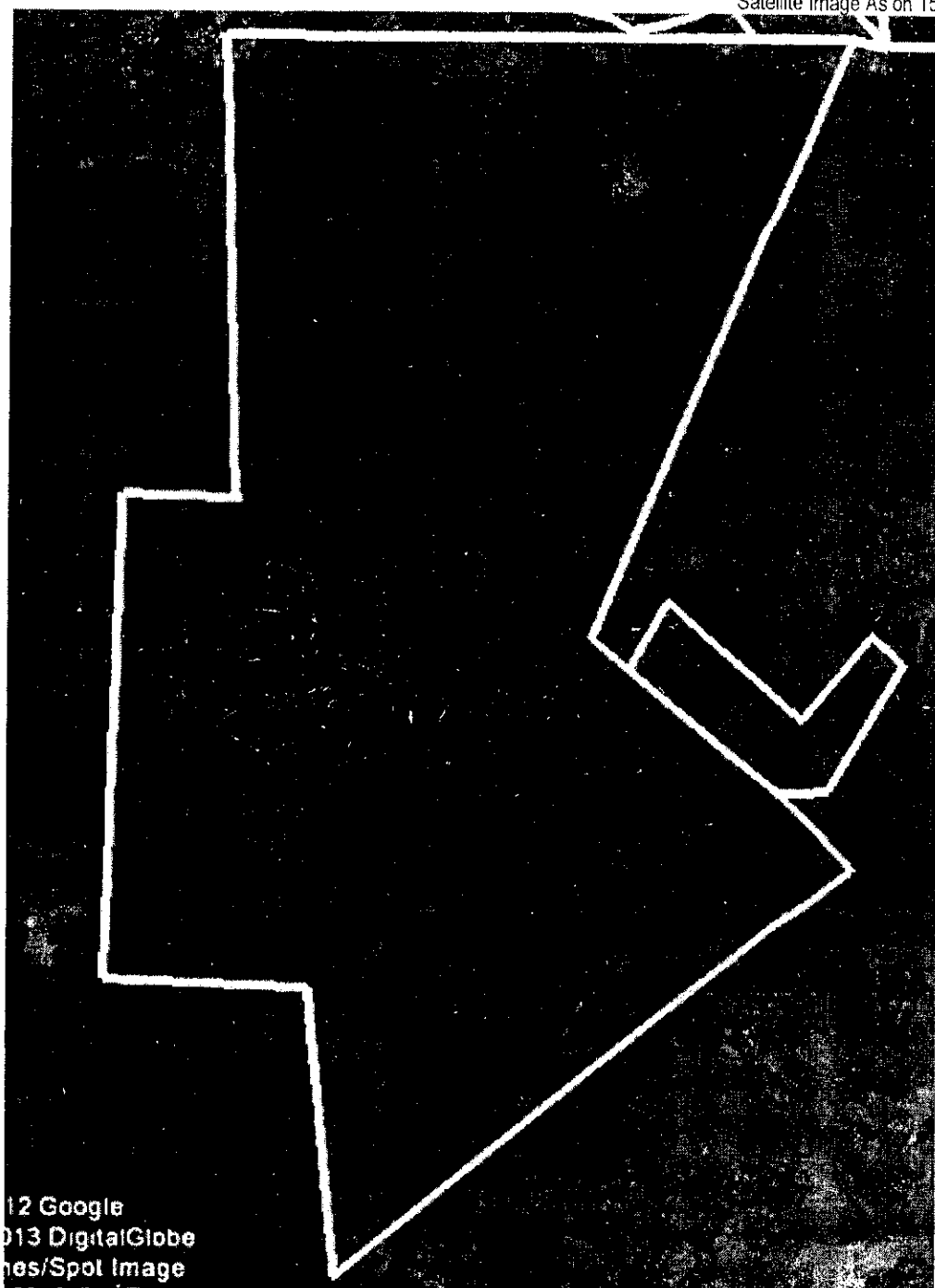


 Enjoyment of Lease Boundary:	 Encroachment:
 Enjoyment of others' s Lease Boundary:	 Others' s Encroachment

Lessee: M/s O.M. C. Ltd., Dubuna Manganese ore Mines

Area as per lease grant ha.:	X	1135.419	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	1318.00		
Excess Area occupied (encroachment) (Y-X)=		182.58	Total :	Nil
				182.58

Satellite Image As on 15.02.2011



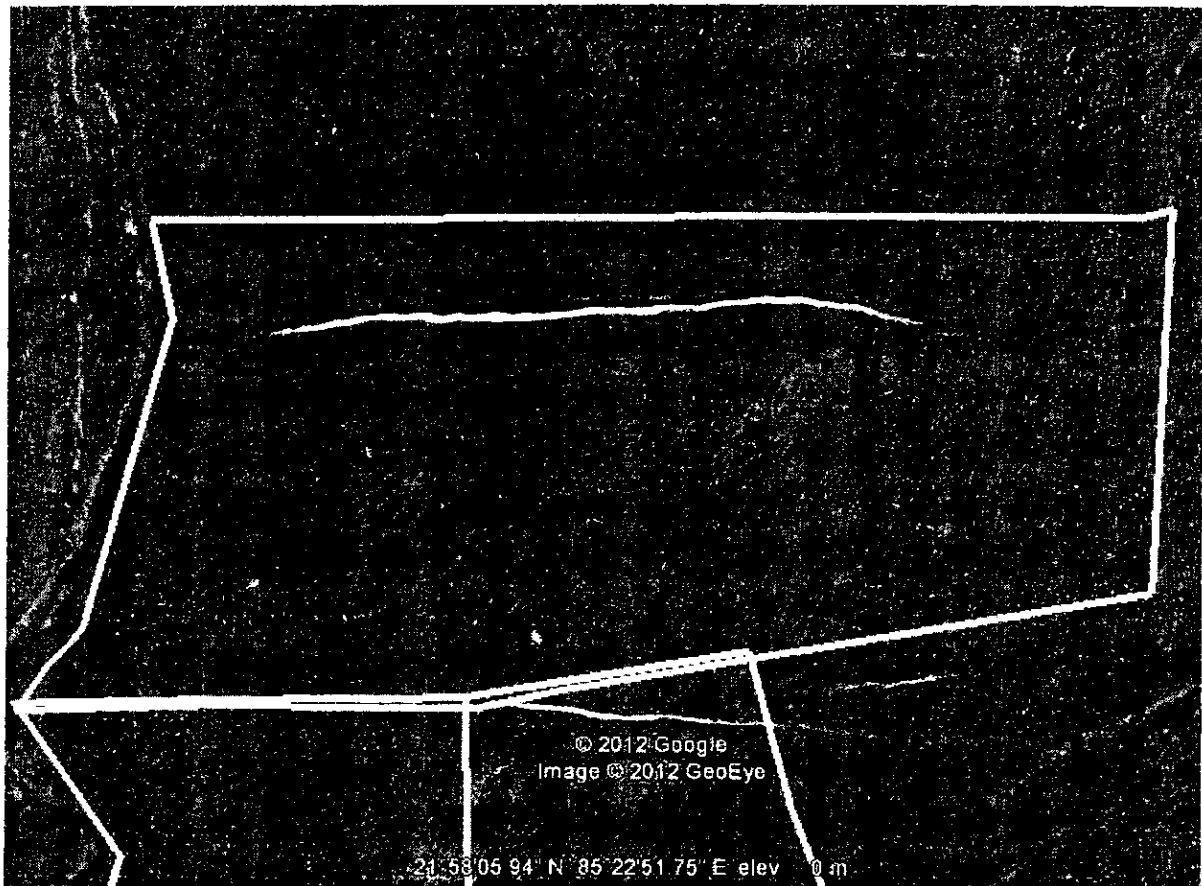
12 Google
013 DigitalGlobe
nes/Spot Image

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

Lessee: M/s O.M. C. Ltd., Tiring Pahar Iron ore Mines

Area as per lease grant ha.:	X	79.30	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	81.479	Total :	2.18
Excess Area occupied (encroachment) (Y-X)=		2.18		

Satellite Image As on 15.02.2011



Enjoyment of Lease Boundary:

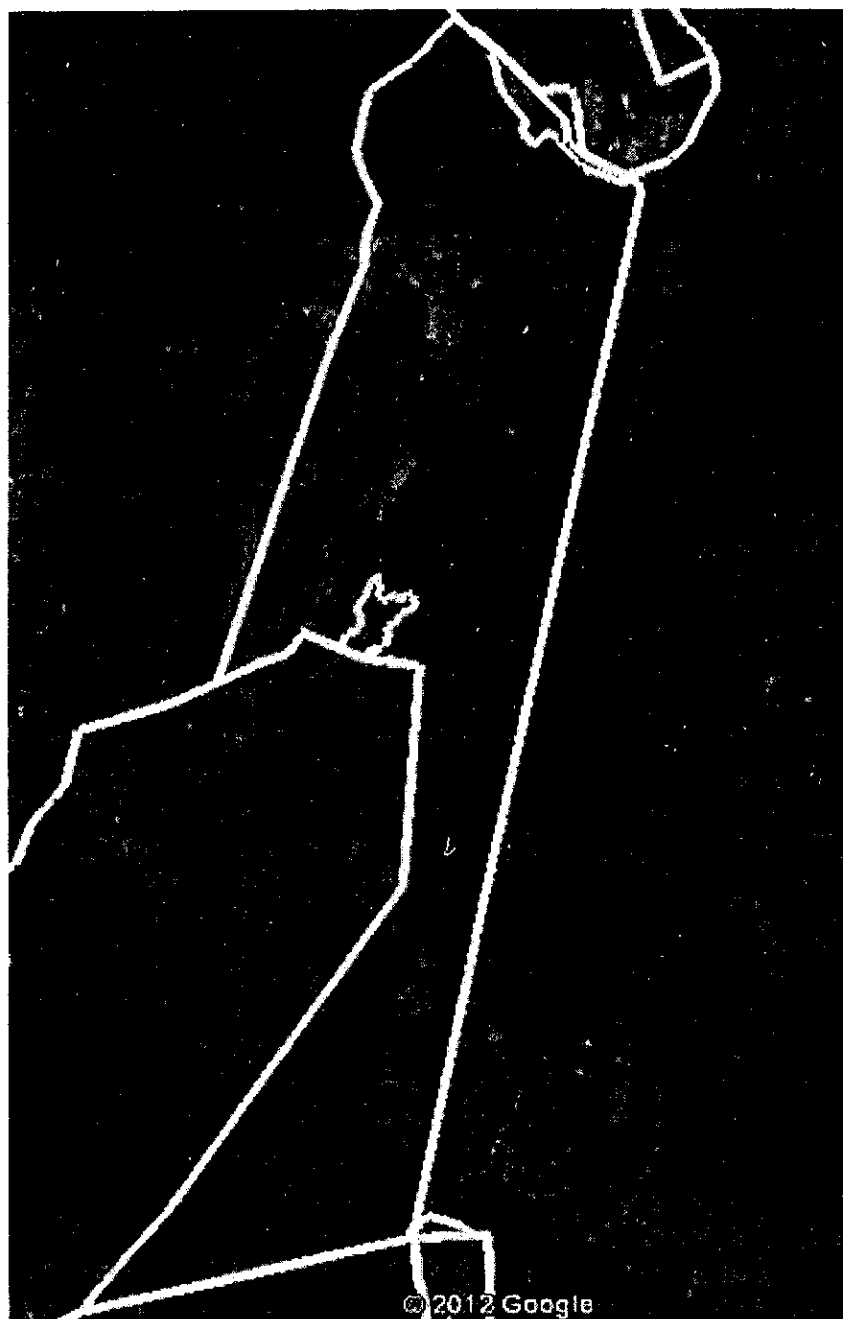
Encroachment:

Enjoyment of others' s Lease Boundary:

Lessee: M/s O.M. C. Ltd., Kasira Iron ore Mines

Area as per lease grant ha.:	X	418.335	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	430.335		
Excess Area occupied (encroachment) (Y-X)=		12.00	Total :	12.00
			Nil	

Satellite image As on 09.03.2012

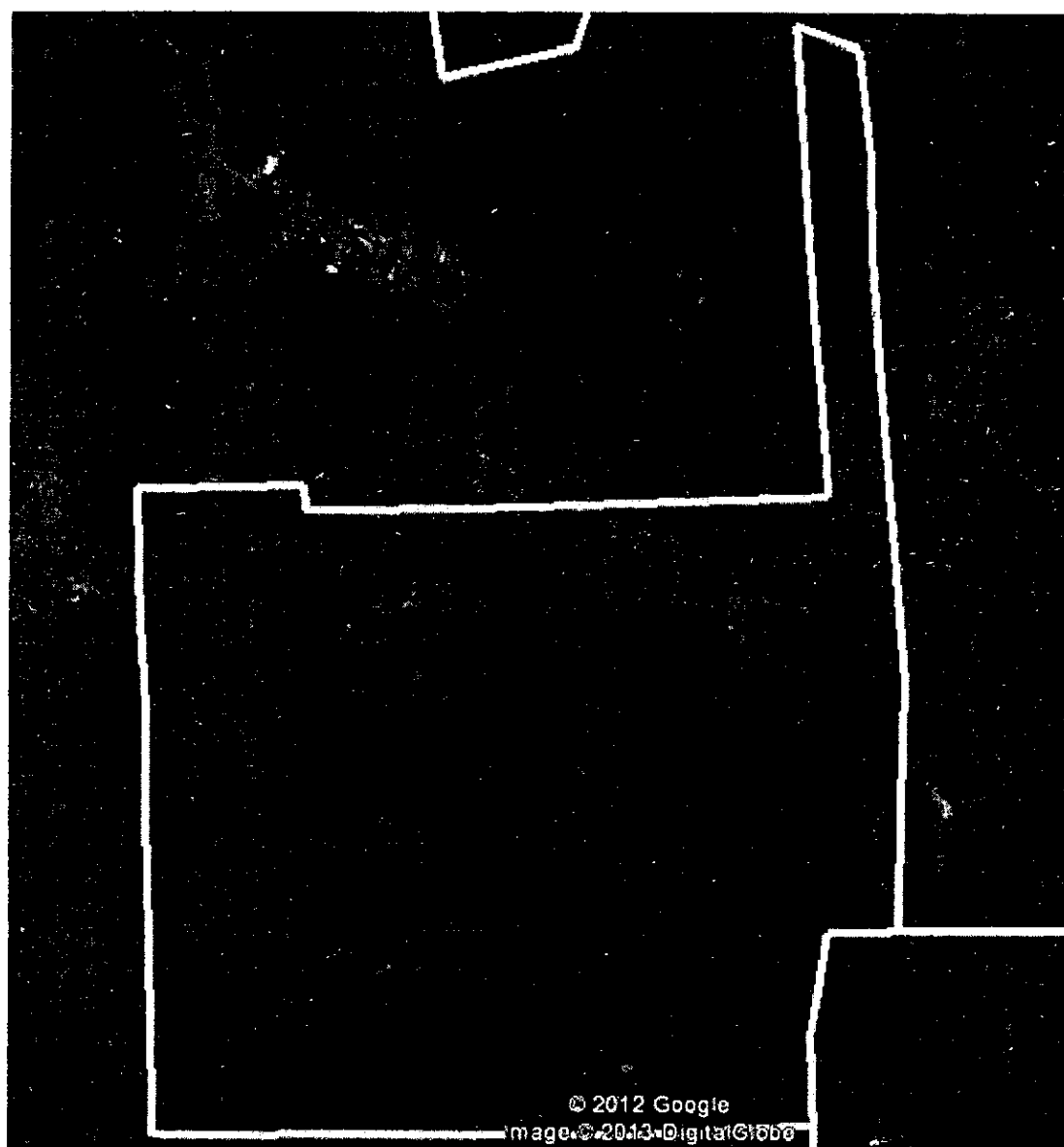


 Enjoyment of Lease Boundary:	Encroachment:
 Enjoyment of others' s Lease Boundary:	 Others' s Encroachment

Lessee: M/s O.M. C. Ltd., Rantha Iron ore Mines

Area as per lease grant ha.: X	408.873	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	413.288		
Excess Area occupied (encroachment) (Y-X)=	4.42	Total : Nil	4.42

Satellite Image As on 09.03.2011

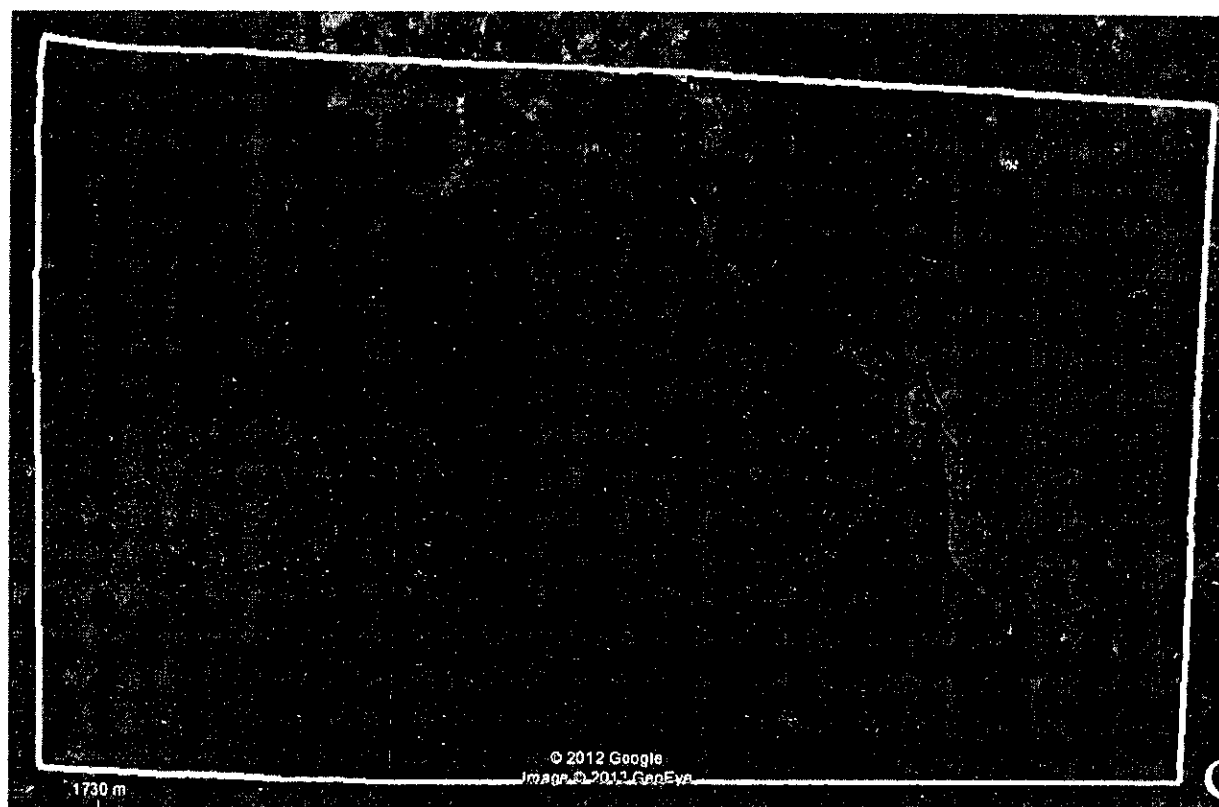


	Enjoyment of Lease Boundary:	Encroachment:
	Enjoyment of others' s Lease Boundary:	

Lessee: M/s O.M. C. Ltd., Daitari Iron ore Mines

Area as per lease grant ha. X	1812.99	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	1901.079		
Excess Area occupied (encroachment) (Y-X)=	88.09	Total : Nil	88.09

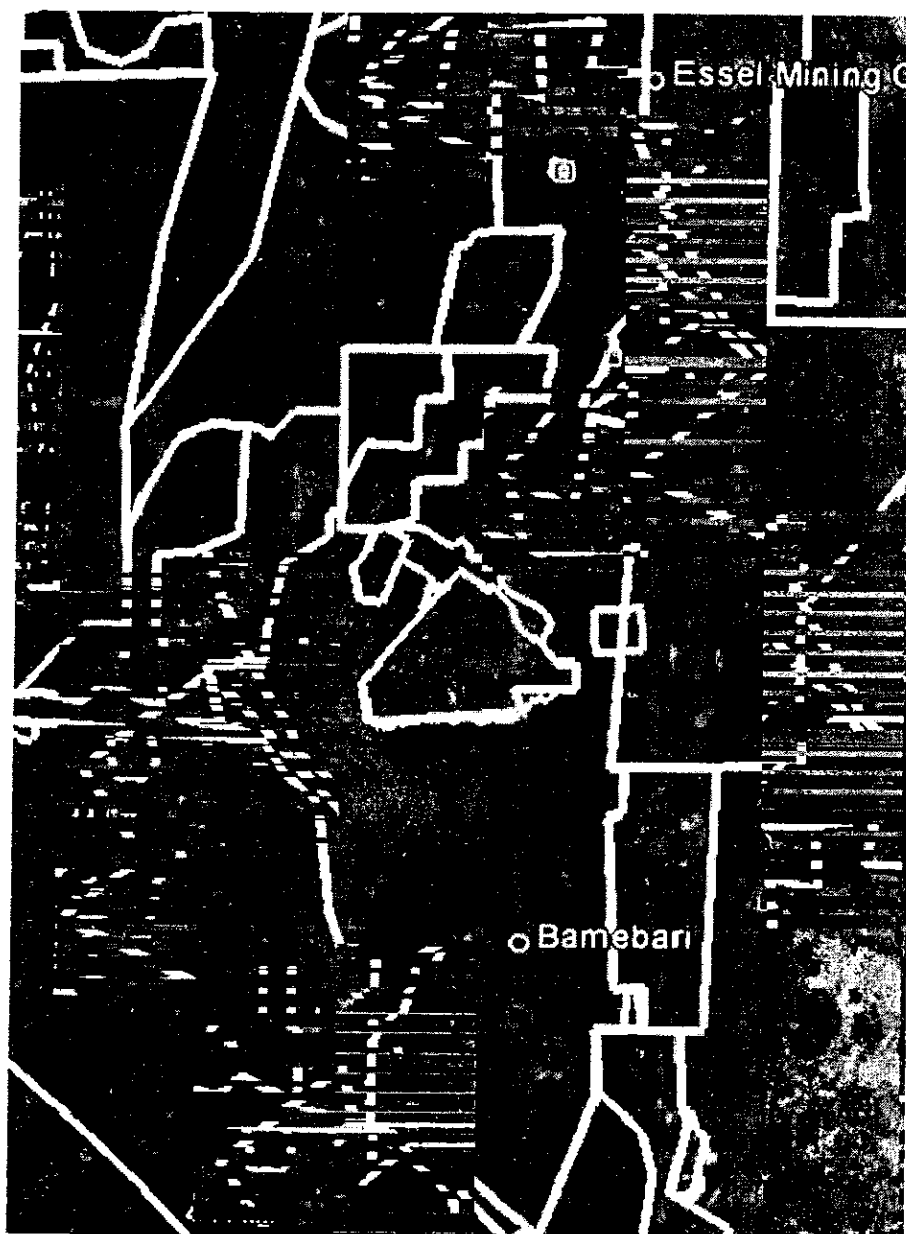
Satellite Image As on 27.03.2009



Lessee: M/s O.M. C. Ltd., Balda-Palsa-Jajang Iron ore Mines

Area as per lease grant ha.: X	861.521	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y	878.000	Total : Nil	16.48
Excess Area occupied (encroachment) (Y-X)=	16.48		

Satellite Image As on 21.12.2010



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

Lessee: S. N. Mohanty Raikela Iron ore Mines

Area as per lease grant ha.:	X	18.315	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	19.383		
Excess Area occupied (encroachment) (Y-X)=		1.07	Total : Nil	1.07

Satellite Image As on 21.12.2010

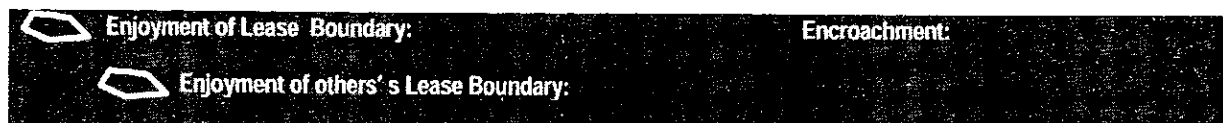


 Enjoyment of Lease Boundary:	Encroachment:
 Enjoyment of others' s Lease Boundary:	

Lessee: M/s SAIL, Bolani Iron ore Mines

Area as per lease grant ha.:	X	1321.45	Encroachment ha.:	Grand total Encroachment ha
Area as per enjoyment boundary ha.:	Y	1331.62	Total :	10.17
Excess Area occupied (encroachment) (Y-X)=		10.17	Nil	

Satellite Image As on 21.12.2010



Lessee: M/s Sun Alloys & Mineral (P) Ltd., Patmunda Mn Mines

Area as per lease grant ha.:	X	81.197	Encroachment ha.:		Grand total Encroachment ha
Area as per enjoyment boundary ha:	Y	84.20			
Excess Area occupied (encroachment) (Y-X)=		3.00	Total :	Nil	3.00

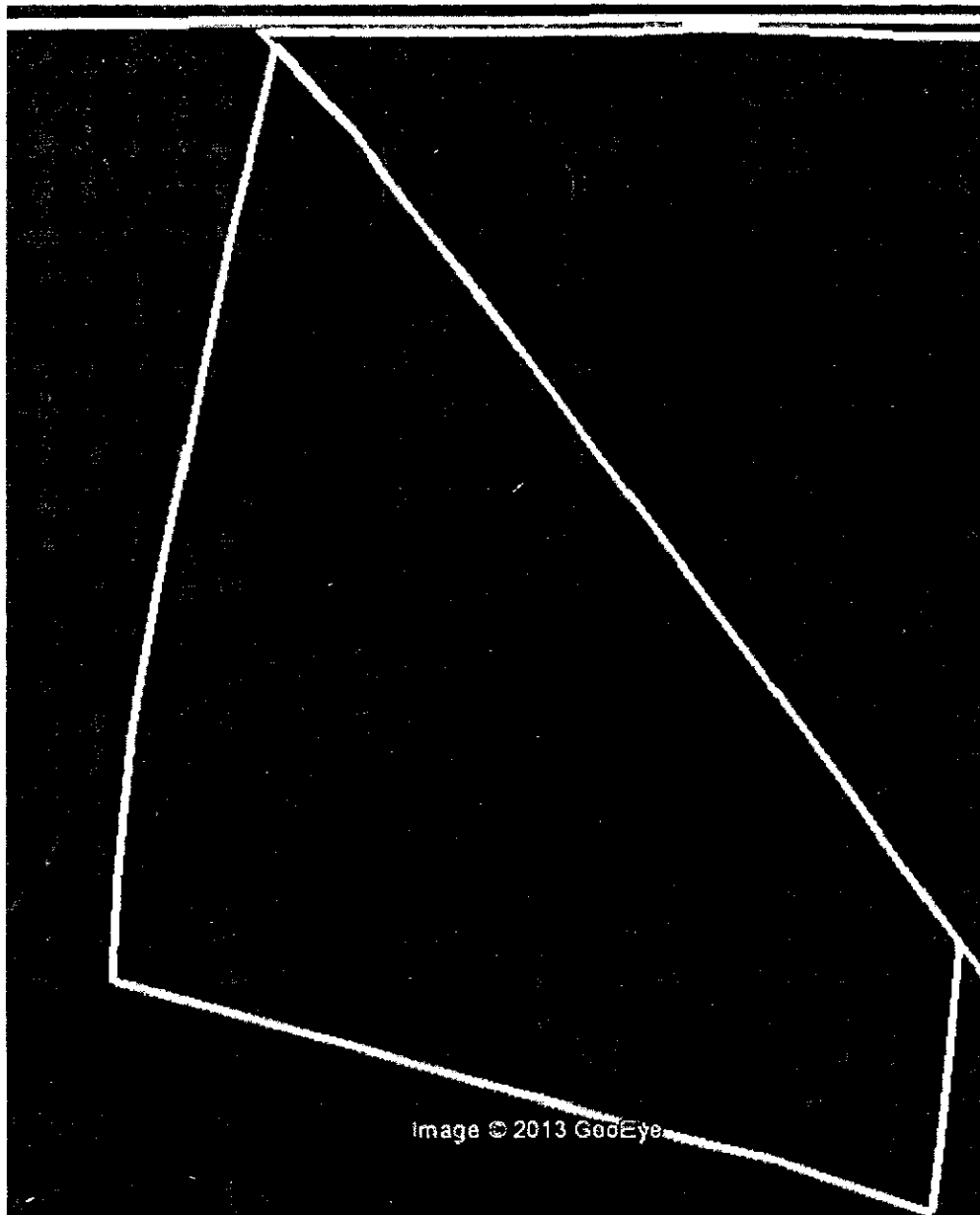
Satellite Image As on 21.12.2010



Lessee: M/s T. B. Lal & Co. Kasia Barapada Iron ore Mines

Area as per lease grant ha.:	X	77.497	Encroachment ha.:	Grand total	Encroachment ha
Area as per enjoyment boundary ha:	Y	80.67			
Excess Area occupied (encroachment) (Y-X)=		3.17	Total :	Nil	3.17

Satellite Image As on 21.12.2010



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

Illegal Mining pit in west of OMDC mines Belkundi and north of Bagiaburu

Area as per lease grant ha.: X	Encroachment ha.: A= 54.00	Grand total Encroachment ha
Area as per enjoyment boundary ha: Y		54.00
Excess Area occupied (encroachment) (Y-X)=	Total : 54.00	

World view Satellite Image 2010

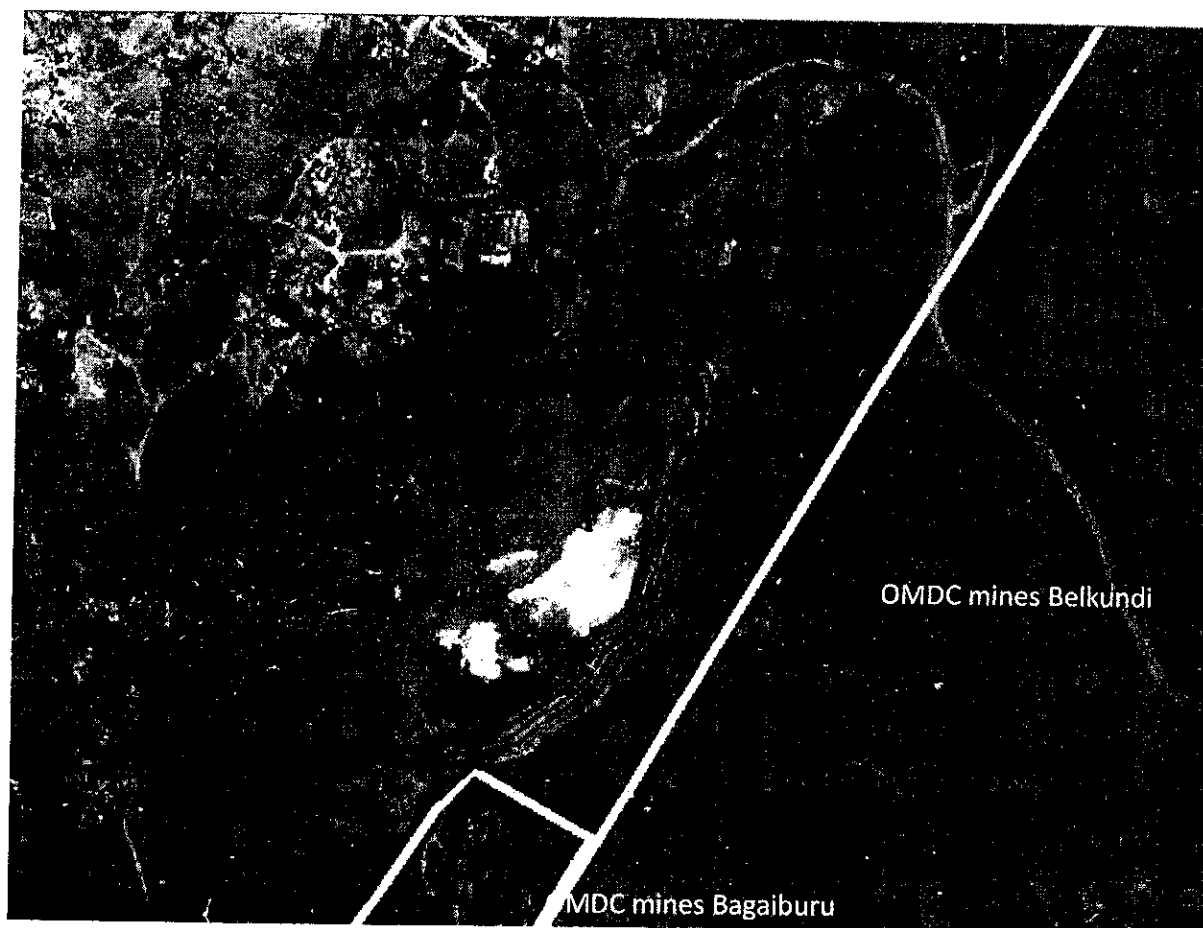


Table: 3

Details of operational mines showing area allotted. Re-verification is only with regard to exact location of boundaries				
Sr. No.	Lessee (as per Govt. Notification 1984)	Lease Area (ha.)	Google Area (ha.)	Excess Land Use (ha.)
1	2	3	4	5
1	M/s.Kalinga Mining Corporation Jurudi Iron Ore Mines	54.921	54.626	–
2	Sri Pawan Kumar Ahluwalia Ganua Iron/Mn. Mines	87.591	88.027	0.44
3	Matadin Sarda Khajuridiha Iron/Mn. Mines	31.554	29.766	–
4	M/s Tarini Minerals Jurudi-Jajang Iron & Manganese Ore Mines	66.368	63.613	–
5	M/s Tata Steel Ltd. Khandbandh Iron & Manganese Ore Mines	978	978	–
	Total	1297.65	1308.93	16.35

**CONCLUSION
OF
CHAPTER: VII**

Encroachment

1. 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.
2. 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 to recover cost of damage caused to the environment, ecology and others.

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.

Date:

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

Chairman
Commission of Enquiry
for
Illegal Mining of Iron Ore and Manganese

**CONCLUSION
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